

UTTAR PRADESH JAL NIGAM



Office of the Project Manager, Yamuna Pollution Control Unit-I,
U.P. Jal Nigam, Ghaziabad



ESTIMATE

for

House Connection work's for Lonl Water Supply Scheme, Phase-I, Loni,

Distt.- Ghaziabad

UNDER

(Atal Mission for Rejuvenation & Urban Transformation (AMRUT))

- i) Cost of Project :- Rs.2718.72 Lacs
- ii) ESTIMATE No. : 01 / 2015-16

PROJECT MANAGER
Yamuna Pollution Control Unit-I
U.P JAL NIGAM,
Ghaziabad

कार्यालय नगर पालिका अखिल लोनी जिला - गाजियाबाद

पत्रांक सं० 1304

न०पा०प०/2015-16

दिनांक-12/01/2

श्रीवा में,

प्रबन्ध निदेशक
उ०प्र० जल निगम,
लखनऊ।



विषय :- लोनी नगर की (AMRUT) कार्यक्रम के अन्तर्गत ग्रह पेयजल कनेक्शन एवं पेयजल पाईप लाईन संयोजन कार्यों का प्राक्कलन प्रेषित के सम्बन्ध में।

महोदय,
निदेशक

उपरोक्त विषयक शासन के कार्यालय ज्ञाप संख्या 5457/नौ-5-2015-227सा/2015 लखनऊ दिनांक 22.12.2015 द्वारा अमृत कार्यक्रम के अन्तर्गत प्राक्कलन विरचन व निर्माण के कार्य सम्पादित कराये जाने हेतु उ०प्र० जल निगम / सी० एण्ड० डी०एस० को नामित किया गया है। इस क्रम में Atal Mission for Rejuvenation and Urban Transformation (AMRUT) कार्यक्रम के अन्तर्गत लोनी नगर पालिका परिषद क्षेत्र अन्तर्गत उ०प्र० राज्य स्टेट एनुवल एक्शन प्लान (SAAP) की स्वीकृति के आधार पर ग्रह पेयजल कनेक्शन एवं पेयजल पाईप लाईन संयोजन कार्यों का प्राक्कलन परियोजना प्रबन्धक, यमुना प्रदूषण नियंत्रण इकाई (प्रथम), उ०प्र० जल निगम, गाजियाबाद द्वारा तकनीकी के उपरान्त विरचित एवं मुख्य अभियन्ता (गा० क्षेत्र) उ०प्र० जल निगम, गाजियाबाद द्वारा स्वीकृत किया गया है।

उक्त प्राक्कलन की तीन प्रतियों में संलग्न कर आवश्यक कार्यवाही हेतु प्रेषित किया जा रहा है।

संलग्नक - उपरोक्तानुसार

अधिसासी अधिकारी
नगर पालिका अखिल
लखनऊ
लोनी (गा०बाद)

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक-कार्यवाही हेतु प्रेषित

1. निदेशक स्थानीय निकाय उ०प्र०, लखनऊ।
2. मुख्य अभियन्ता (गा० क्षेत्र) उ०प्र० जल निगम, गाजियाबाद
3. महाप्रबन्धक, यमुना प्रदूषण नियंत्रण इकाई (प्रथम), उ०प्र० जल निगम, गाजियाबाद।
4. परियोजना प्रबन्धक, यमुना प्रदूषण नियंत्रण इकाई (प्रथम), उ०प्र० जल निगम, गाजियाबाद।

अधिसासी अधिकारी
नगर पालिका अखिल
लखनऊ
लोनी (गा०बाद)

कार्यालय मुख्य अभियन्ता (गा0 क्षेत्र), उ0प्र0 जल निगम,
आर-1, राजनगर, गाजियाबाद (उ0प्र0) पिन- 201002

दिनांक: 27-1-2016

पत्रांक 189 / "कामपत्र" /

परियोजना प्रबन्धक, यमुना प्रदूषण नियंत्रण इकाई (प्रथम), उ0प्र0 जल निगम, गाजियाबाद के द्वारा AMRUT MISSION कार्यक्रम के अन्तर्गत की गई लोनी जिला-गाजियाबाद गृह पेयजल संयोजन कार्य अनुमानित लागत रु 2718.72 लाख (सेन्टेज सहित) अप्रेजल हेतु दिनांक 25.01.2016 को गेयन्ता (गा0क्षेत्र), उ0प्र0 जल निगम, गाजियाबाद की अध्यक्षता में बैठक आयोजित की गई जिसमें निम्नलिखित द्वारा भाग लिया गया।

0 वाई0 के0 जैन, मुख्य अभियन्ता (गा0क्षेत्र), उ0प्र0 जल निगम, गाजियाबाद। अध्यक्ष
0 अरविन्द सप्रे, महाप्रबन्धक, यमुना प्रदूषण नियंत्रण इकाई, उ0प्र0 जल निगम, गाजियाबाद। सदस्य
0 पी0सी0 गुप्ता, अधीक्षण अभियन्ता, यॉंत्रिक मण्डल, उ0प्र0 जल निगम, गाजियाबाद। सदस्य
0 मोहम्मद ताहिर, परियोजना प्रबन्धक, यमुना प्रदूषण नियंत्रण इकाई (प्रथम), उ0प्र0 जल निगम, गाजियाबाद। सदस्य (सचिव)
0 विशाल आर्य, परियोजना प्रबन्धक (यॉ), यमुना प्रदूषण नियंत्रण इकाई, उ0प्र0 जल निगम, गाजियाबाद। सदस्य
लेखाधिकारी, कार्यालय मुख्य अभियन्ता (गा0क्षेत्र), उ0प्र0 जल निगम, गाजियाबाद। सदस्य

योजना में प्रस्तावित मुख्य-मुख्य कार्यों का विवरण निम्न प्रकार है-

(i) गृह पेयजल संयोजन कार्य-57048 नग

उक्त बैठक में लोनी जिला-गाजियाबाद गृह पेयजल संयोजन कार्य अनुमानित लागत रु 2718.72 लाख के विभिन्न बिन्दुओं पर विचार विमर्श किया गया।

1. योजना को निम्न प्रतिबन्धों के साथ तकनीकी अप्रेजल बलीयरेन्स किया गया-

1. योजना में कोई भी कार्य घनावटन के उपरांत ही किया जाये।
2. योजना के कार्य पूर्ण होने के पश्चात् इसका गृह पेयजल संयोजन तथा उनकी सूची नगर पालिका परिषद, लोनी को हस्तान्तरण कर दी जायेगी तथा राजस्व बसूली का कार्य सम्बन्धित नगर पालिका परिषद द्वारा किया जायेगा।
3. योजना के कार्यान्वयन में विभागीय विशिष्टियों, वित्तीय नियमों एवं आदेशों का अनुपालन सुनिश्चित किया जाये।

(इ0 मोहम्मद ताहिर)
परियोजना प्रबन्धक (प्रथम)
(सदस्य सचिव)

(इ0 विशाल आर्य)
परियोजना प्रबन्धक (यॉ)
(सदस्य)

S.D
लेखाधिकारी
(सदस्य)

(इ0 अरविन्द सप्रे)
महाप्रबन्धक
(सदस्य)

(इ0 पी0सी0 गुप्ता)
अधीक्षण अभियन्ता
यॉंत्रिक मण्डल
(सदस्य)

(इ0 वाई0 के0 जैन)
मुख्य अभियन्ता (गा0क्षेत्र)
(अध्यक्ष)

दिनांक

लिपि :- निम्नलिखित को सूचनार्थ प्रेषित:-

मुख्य अभियन्ता (गा0क्षेत्र), उ0प्र0 जल निगम 6-राणा प्रताप मार्ग, लखनऊ।
बैठक में उपस्थित समस्त अधिकारीगण।

मुख्य अभियन्ता (गा0क्षेत्र)



कार्यालय मुख्य अभियंता(गा0 क्षेत्र), उ0प्र0 जल निगम,
सैक्टर-1, राजनगर गाजियाबाद - 201002

दिनांक: 27-1-2016

पत्रांक: 190 / 510-101-1

कार्यालय ज्ञाप

AMRUT कार्यक्रम के अंतर्गत परियोजना प्रबन्धक, यमुना प्रदूषण नियंत्रण इकाई (प्रथम), उ0प्र0 जल निगम, गाजियाबाद द्वारा विरचित लोनी की गृह पेयजल संयोजन कार्य अनुमानित लागत रु0 2718.72 लाख (सेन्टेज सहित) अप्रेजल बलीयरेंस एवं तकनीकी स्वीकृति हेतु प्रस्तुत की गई है।

क्र0 सं0	जनपद का नाम	कार्यक्रम का नाम	योजना का नाम	अनुमानित लागत सेन्टेज सहित (रु. लाख में)
1	लोनी	AMRUT	लोनी गृह पेयजल संयोजन कार्य	2718.72

योजना में प्रस्तावित मुख्य-मुख्य कार्यों का विवरण निम्नानुसार है।

1. पेयजल लाइन से गृह संयोजन कार्य - 57048 मग

अप्रेजल समिति द्वारा की गयी संस्तुति (कार्यवृत्त संलग्न) के अनुसार निम्न प्रतिबन्धों के साथ डी0पी0 आर0 को अप्रेजल से बलीयर करते हुए तकनीकी स्वीकृति प्रदान की जाती है।

प्रतिबन्ध:-

1. योजना पर कोई भी कार्य घनावंटन के उपरान्त ही किया जाये।
2. योजना के कार्य पूर्ण होने के पश्चात इसका गृह संयोजन तथा इनकी सूची नगर पालिका परिषद, लोनी को हस्तान्तरण कर दी जायेगी तथा राजस्व बसूली का कार्य सम्बन्धित नगर पालिका परिषद द्वारा किया जायेगा।
3. योजना के कार्यान्वयन में विभागीय विशिष्टियों वित्तीय नियमों एवं आदेशों का अनुपालन सुनिश्चित किया जाये।

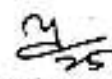
संलग्नक: उपरोक्तानुसार।

(वाई0के0 जैन)
मुख्य अभियन्ता (गा0क्षेत्र)

पू0सं0 एवं दि0: यथोपरि।

प्रतिलिपि:


1. मुख्य अभियंता(नागर/एन0यू0आर0एम0), उ0प्र0 जल निगम, लखनऊ।
2. महाप्रबन्धक, यमुना प्रदूषण नियंत्रण इकाई, उ0प्र0 जल निगम, गाजियाबाद।
3. अधीक्षण अभियंता, यंत्रिक मण्डल, उ0प्र0 जल निगम, गाजियाबाद।
4. परियोजना प्रबन्धक, यमुना प्रदूषण नियंत्रण इकाई (प्रथम), उ0प्र0 जल निगम, गाजियाबाद।
5. परियोजना प्रबन्धक, यमुना प्रदूषण नियंत्रण इकाई (यां), उ0प्र0 जल निगम, गाजियाबाद।



मुख्य अभियंता (गा0 क्षेत्र)

Point wise reply to the objection raised by

U.P. Jal Nigam. HQ

Sl. No.	Objection	Reply
1	Estimate of SCAA, Flow meter, MCS of Tube wells, fixing charges has already been included in the unit estimate, circulated by C.E. (E/M). Hence this provision should be deleted.	In this estimate only House connections has been taken. Hence rectification of this point to be corrected in Part-II of this scheme.
2	General Abstract of cost E/M works. (a) MCS should be 1 no. instead of 8 nos.	Same as above
3	As per SLIP total no. of tube wells in the Town is 45 no. giving average discharge of IMLD. In the estimate provision for 37 no. flow meter 150mm and 6 no. flow meter 100mm has been taken i.e. 43 no. flow meter has been taken. It is not clear that how many are working Tube wells and how many total no. of tube wells are supply water for Lonl W/S scheme.	Same as above
4	In the estimate of Rising main Item no. 8 rate of Dismantling & Permanent reinstatement of bituminous road has been taken as Rs. 1384.30 were as in house connection unit estimate, Dismantling of the same road is 155=88 and permanent reinstatement is 1505=28 per square meter.	Same as above
5	In the estimate of Distribution of pipe line size of sluice valve 6'A' in details measurement is 50mm and 80 mm where as in estimate it is 110 & 125 mm. In Item no. 9 provision for 15 no. single tap pillar type stand post is given but after the provision of 100% Water Supply Connection, provision of stand posts has to be justified.	Same as above
6	In Item no. 13, 14 & 15 of Distribution of Pipe line provision for handling charges, Site clearance & watch and ward has been made in the estimate. Provision of watch & ward is not logical. Handling charges of pipe line taken as 5% which is too much and should be round 2%.	Same as above
7	In item no. 12 provision for shifting and repair of old pipe line, sewer line, electrical cable has been made as 1.00 crore for 10,000 numbers are on higher side.	Same as above
8	In the estimate total provision for 25000 W/S connection house is made. But it is not clarified that out of 25000 houses how many connection are with the existing lines and how many connection are proposed in the new extension of pipe line. Because the rates of the two types of house connections are different.	The details of House connections is taken as given below : 1. Existing pipe line - 54788 nos. 2. New extension pipe line - 2260 nos. Total nos. = 57048 nos. Accordingly rates for new and existing line has been taken as enclosed in page no. 15 & 16 in DPR.


(General Manager)
Yamuna Pollution Control Unit,
U.P. Jal Nigam,
Ghaziabad


(Project Manager)
Yamuna Pollution Control Unit-I,
U.P. Jal Nigam,
Ghaziabad

INDEX

House Connection work's for Loni Water Supply Scheme, Phase-I, Loni,
Distt. - Ghaziabad

UNDER

(Atal Mission for Rejuvenation & Urban Transformation (AMRUT))

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REPORT

House Connection work's for Loni Water Supply Scheme, Phase-I, Loni,
Distt. - Ghaziabad

UNDER
(Atal Mission for Rejuvenation & Urban Transformation (AMRUT))

"PROJECT- REPORT"

1.0 **AUTHORITY:-**

Government of Uttar Pradesh has authorized U.P. Jal Nigam for framing the estimate vide letter no. 5457/नौ-5-2015-227सा/2015 लखनऊ dated 22.12.2015, circulated by CE (NURM) vide his letter no. 189/1005/035-0300/UIDSSMT/15 dated 31.12.2015, under the Atal Mission for Rejuvenation and Urban Transformation (AMRUT). (Encl. - Annexure 1)

2.0 **LOCATION AND BRIEF HISTORY OF TOWN:**

Loni town is situated on the National Highway from Delhi to Saharanpur at a distance of 9 kms from National Capital Delhi, 69 kms from Meerut, 19 kms from district headquarter Ghaziabad and 499 kms. from State Capital Lucknow. It is well connected with all the neighbouring towns by all weather motorable roads. Loni is a local body (Nagar Palika Parishad) and this town is also block headquarter of Loni in district Ghaziabad. The nearest railway station is Shahadra (Delhi), which is at a distance of about 10 kms. Loni is old town, its central part, is situated on a hillock with a level difference from 206 to 224 m above m.s.l. The topography of the old town is very undulating while the other parts, of the town have quite flat topography. The sub soil water level is 7.0 to 10.0 m below ground level.

3.0 **MISSION OBJECTIVE:**

The objective of AMRUT mission is to create infrastructure in such a way that has direct impact on the real needs of people and keeping focus on provision of better services to the people. Therefore the purpose of Atal Mission for Rejuvenation and Urban Transformation (AMRUT) is to

- a) Ensure that every house hold has access to a tap with assured water supply and a sewerage connection

- b) Increase the amenity value of city
- c) Reduce pollution
- d) To saturate the population on priority where infrastructure has already been provided. Such as provide House connections.

4.0 THRUST AREAS AND MISSION COMPONENTS:

The major thrust areas of Mission in order of priority are

- i. Water supply
- ii. Sewerage facility and septage management
- iii. Storm water drains
- iv. Public transport, parking space and
- v. Enhancing amenity value of city by creating green spaces, parks etc.

In the Mission guidelines, universal coverage of water and sewerage is the National Priority and is the first objective to be achieved by States /ULBs.

5.0 NEED OF THE PROJECT:-

The water supply scheme for Loni town estimated cost Rs. 4983.63 lacs has been executed during 2006-2007 under UIDSSMT programme but there was no provision of House Connections in the old estimates, so provision of 100% House Connections have been made to provide safe drinking water to the residents. However, despite creation of vast infrastructure and network of pipe lines, every household will not get clean and safe water supply facility, Hence, there is an urgent need to provide access to tap water to each household. To facilitate the Universal Coverage objective as laid down under AMRUT mission guidelines, it becomes the foremost objective to connect the existing facilities to the deprived households of each locality by providing a tap connection.

6.0 ASSESSMENT OF SERVICE LEVEL GAPS :

The 2011 census population of the city is 512296 and present (2015) population is 554525. The town is divided in 14 zones. The requisite data is given in the SLIP already submitted under AMRUT programme. (Encl. – Annexure 2)

Location of source of drinking water	Total Number of Households (Nos.)	Tap Water from treated source (Nos.)	Total Future need of Household connection for NPP (i.e. 651 km. + 20 km. + 136 km. = 807 km.) (Nos.)	Number of household connection required in this DPR		
				GAP of House connections for existing pipe line (651 km.) (Nos.)	GAP of House connections for extension pipe line (20 km.) (Nos.)	Total GAP of House Connections (671 km.) (Nos.)
Total	91138	21912		-	-	-
Within the premises	63370	17115		-	-	-
Near the premises	20726	3895		-	-	-
Away	7042	902		-	-	-
Departmental Data	91138	18775	72363	54788*	2260**	57048

* $91138 / 807 = 113 \times 651 \text{ km.} = 18775 = 54788 \text{ nos. (for existing pipe line)}$

** $91138 / 807 = 113 \times 20 \text{ km.} = 2260 \text{ nos. (for extension line)}$

7.0 PROPOSALS TO BRIDGE THE GAPS:-

As per SLIP given by Nagar Palika, total 34000 connections are required to be done, till March 2015 and 23048 connections shall be required in succeeding years along with the necessary strengthening of water supply arrangements in the city. Hence, estimate has been formulated to facilitate house connections for present and future needs existing pipe line network up to the expected date of completion of project (i.e. 2018) under AMRUT programme for universal coverage of the entire city.

8.0 IMPLEMENTATION PERIOD:-

The implementation period has been taken as 2 years and the expected date of completion is 03/2017.

9.0 LABOUR & MATERIAL RATES:

Rates of labour and material have been taken as sanctioned by Superintending engineer, 18th Circle, U.P. Jal Nigam, Ghaziabad vide his letter no 928/vividh-13/52 dated 13-05-2015. Rates of items covered under

centralized purchase have been taken as per Material Manager, U.P. Jal Nigam, Lucknow circulated vide his letter no 885/kray/samanya/(2121-0052)/2015/24 dated 27-04-2015.

10.0 IMPLEMENTING AGENCY:

The works shall be executed by U.P. Jal Nigam and handed over to Nagar Palika Parishad (NPP), Loni for subsequent maintenance and revenue collection.


11.0 SOURCE OF FUNDING:

As per AMRUT guidelines circulated by G.O.I, 50% cost shall be funded by G.O.I. and balance shall be shared by State Govt. and ULB.

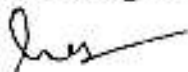
12.0 CONCLUSION:-

With the above remarks, the detailed project report of HOUSE CONNECTION WORK'S FOR LONI WATER SUPPLY SCHEME, PHASE-I, LONI, DISTT. - GHAZIABAD Under AMRUT Mission amounting to Rs 2718.72 lacs is here by submitted for favour of technical & financial approval and allotment of funds.

1. Works proposed in this estimate have not been taken in any of the previous estimate.
2. After implementations of proposed works in this estimate, status of coverage level of town increases from 21% to 83%.


(Mohammad Tahir)
Project Manager
Yamuna Pollution Control Unit-I
U.P. Jal Nigam,
Ghaziabad

Countersigned by



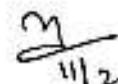
(Arvind Sapre)
General Manager
Yamuna Pollution Control Unit
U.P. Jal Nigam
Ghaziabad

FINANCIAL

Estimate For House Connection in W/S Lines in District -
Loni

CERTIFICATE

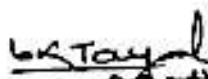
- 1 Work proposed in this estimate have not been taken in any other previous estimate.
- 2 After implementation of proposed works in this estimate status of coverage level of town increases from 20.60% to 83.20%.



11/2/16

(Y.K. Jain)

CE, G2B

The scheme has been reviewed and found
as per guide lines.


सलाहकार/तकनीकी पर्यवेक्षक
उ०प्र० जल निगम,
लखनऊ


9-3-2016
सलाहकार/तकनीकी पर्यवेक्षक
उ०प्र० जल निगम,
लखनऊ

**House Connection work's for Loni Water Supply
Scheme, Phase-I, Loni, Distt. - Ghaziabad**

UNDER

(Atal Mission for Rejuvenation & Urban Transformation (AMRUT))

Form J

S. No.	Description	Total	Rs. in lacs	
			Central Share	State & ULB Share
			50%	50%
		3	4	5
1	2	2395.35	1197.67	1197.67
1	Total Basic Cost of works :	2395.35	1197.67	1197.67
	Sub Total (A)	2395.35	1197.67	1197.67
2	Supervision Charges @ 12.5% of (A)	299.42		299.42
3	Labour Cess @ 1% of (A)	23.95	11.98	11.98
	Total cost of project (B)	2718.72	1209.65	1509.07
4	operation and maintenance for 5 years	Say Rs. 18.32 lacs	27.19 Crore	18.32 lacs

PREPARED BY

Hasan
(Ameerul Hasan)
Project Engineer
Yamuna Pollution Control Unit-I, U.P. Jal Nigam, Ghaziabad

Mohammad Tahir
(Mohammad Tahir)
Project Manager

CHECKED BY

Pankaj
(Pankaj)
Computer

Recommended By:-

Arvind Sapro
(Arvind Sapro)
General Manager
Yamuna Pollution Control Unit
U.P. Jal Nigam
Ghaziabad

Approved By:-

Y.K. Jain
(Y.K. Jain)
Chief Engineer
U.P. Jal Nigam, Ghaziabad z
Ghaziabad

Estimate For House Connection in W/S Lines in District -

Loni

OPERATION & MAINTENANCE COST

Rs. in Lacs

Sl. No.	Cost of Work	2016-17	2017-18	2018-19	2019-20	2020-21	Total
1	2	3	4	5	6	7	8
1	1626.60	0.00	4.07	4.39	4.74	5.12	18.32
Total	1626.60	0.00	4.07	4.39	4.74	5.12	18.32

**House Connection work's for Loni Water Supply
Scheme, Phase-I, Loni, Distt. - Ghaziabad**

UNDER

(Atal Mission for Rejuvenation & Urban Transformation (AMRUT))

SCHEDULE OF DISBURSEMENT OF FUNDS

Rs. in Lacs

Sl. No.	Description	Total Amount	Amount in Year	
			2015-16	2016-17
1	2	3	4	5
1	House Conection in W's Lines in Loni, Distt. Ghaziabad	2718.72	1420.00	1298.72
	Total	2718.72	1420.00	1298.72


Project Engineer

Name of Programme : Atal Mission For Rejuvenation & Urban Transformation (AMRUT)

Name of the Project : House Connection in Water Lines in Loni City Distt. Ghaziabad

Estimated Cost : Rs. 2718.72 Lacs

BAR CHART

S.No.	Details of Work	Time Periods in Months																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Tendering																								
	T																								
2	Making House Connections in existing water supply line 57048 Nos.			2%	6%	10%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%	98%	100%
	A																								
	T																								
3	Financial Progress Estimate Cost Rs.2718.72Lacs.																								
	A																								
	T			10%	14%	18%	22%	26%	30%	34%	38%	42%	46%	50%	54%	58%	62%	66%	70%	74%	78%	82%	86%	95%	100%
	A																								

Note : Time will start after receiving funds to U.P. Jal Nigam.

**House Connection work's for Loni Water Supply Scheme,
Phase-I, Loni, Distt. - Ghaziabad
UNDER
(Atal Mission for Rejuvenation & Urban Transformation (AMRUT))**

GENERAL ABSTRACT OF COST (House Connections)

S.No.	Description of work	Qty.	Unit	Amount (Rs)
	2	3	4	5
1	HOUSE CONNECTION WITH 15mm dia MDPE pipe (20 mm OD dia, PE 80, PN 16) for old water pipe line	54788	No	145037825.69
2	HOUSE CONNECTION WITH 15mm dia MDPE pipe (20 mm OD dia, PE 80, PN 16) for new water pipe line	2280	No	5794687.35
3	Reinstatement of road	119801	Sq.m	88702229.24
			Total (Rs.)	239534742.28
			Say Total(in Laacs)	2395.35


 Project Engineer

ESTIMATE

**House Connection work's for Loni Water Supply Schem
Phase-I, Loni, Distt. - Ghaziabad**

UNDER

(Atal Mission for Rejuvenation & Urban Transformation (AMRUT))

Estimate for House Connection in existing pipe lines

I	Name of Work	Nos.	Rate	Amount in Rs.
	Making house connection with distribution main including Dismantaling of road, supply, carting of specials. Lowering them into trenches, fixing them in proper alignment and jointing including bailing out to water, necessary excavation for connection including all labour, T&P etc. required for proper completion of the work.			
1	In C.C. Roads			
	(i) For 50 mm to 110mm dia	3300	2617.00	8636100
	(ii) For 125mm to 160mm dia	1080	2807.00	3031560.00
	(iii) For 180mm-250mm dia	1090	3007.00	3277630.00
	(iv) For 250mm to 300mm dia	548	3107.00	1702283.16
	(v) For 300mm to 500mm dia	50	3237.00	161850.00
	Sub Total	6068		
2	In Bituminous Roads			
	(i) For 50 mm to 110mm dia	3300	2532.79	8358207.00
	(ii) For 125mm to 160mm dia	1080	2722.79	2940613.20
	(iii) For 180mm-250mm dia	1090	2922.79	3185841.10
	(iv) For 250mm to 300mm dia	548	3022.79	1656126.19
	(v) For 300mm to 500mm dia	50	3152.79	157639.50
	Sub Total	6068		
3	In B.O.E. Roads			
	(i) For 50 mm to 110mm dia	10700	2401.75	25698725.00
	(ii) For 125mm to 160mm dia	4346	2591.75	11263745.50
	(iii) For 180mm-250mm dia	4000	2791.75	11187000.00
	(iv) For 250mm to 300mm dia	2180	2891.75	6304015.00
	(v) For 300mm to 500mm dia	100	3021.75	302175.00
	Sub Total	21326		
4	In C.C. Interlocking tiles Roads			
	(i) For 50 mm to 110mm dia	10700	2517.04	26932328.00
	(ii) For 125mm to 160mm dia	4346	2707.04	11784795.84
	(iii) For 180mm-250mm dia	4000	2907.04	11628160.00
	(iv) For 250mm to 300mm dia	2180	3007.04	6555347.20
	(v) For 300mm to 500mm dia	100	3137.04	313704.00
	Sub Total	21326		

TOTAL 54788

**Total
Say (In Lacs)**

**145037825.69
1450.378257**


Project Engineer

**House Connection work's for Loni Water Supply Scheme,
Phase-I, Loni, Distt. - Ghaziabad**

UNDER

(Atal Mission for Rejuvenation & Urban Transformation (AMRUT))

Estimate for House Connection in new extension of pipe lines

Sl. No.	Name of Work	Nos.	Rate	Amount in Rs.
	Making house connection with distribution main including Dismantling of road, supply, carting of specials. Lowering them into trenches, fixing them in proper alignment and jointing, necessary excavation for connection including all labour, T&P etc. required for proper completion of the work.			
1	In C.C. Roads	150	2617.00	392550
	(i) For 50 mm to 110mm dia	50	2587.00	129350.00
	(ii) For 125mm to 160mm dia	35	2787.00	97545.00
	(iii) For 180mm-250mm dia	15	2887.00	43305.00
	(iv) For 250mm to 300mm dia	15	3017.00	45255.00
	(v) For 300mm to 500mm dia			
	Sub Total	265		
2	In Bituminous Roads	175	2532.79	443238.25
	(i) For 50 mm to 110mm dia	65	2502.79	162681.35
	(ii) For 125mm to 160mm dia	50	2792.79	135139.5
	(iii) For 180mm-250mm dia	10	2802.79	28027.9
	(iv) For 250mm to 300mm dia	15	2932.79	43991.85
	(v) For 300mm to 500mm dia			
	Sub Total	315		
3	In B.O.E. Roads	314	2401.75	754149.5
	(i) For 50 mm to 110mm dia	181	2371.75	428812.4
	(ii) For 125mm to 160mm dia	181	2571.75	464972.4
	(iii) For 180mm-250mm dia	97	2671.75	259159.75
	(iv) For 250mm to 300mm dia	45	2801.75	126078.75
	(v) For 300mm to 500mm dia			
	Sub Total	818		
4	In C.C. Interlocking tiles Roads	380	2517.04	906134.4
	(i) For 50 mm to 110mm dia	181	2487.04	449856.832
	(ii) For 125mm to 160mm dia	181	2607.04	485816.832
	(iii) For 180mm-250mm dia	90	2787.04	267555.84
	(iv) For 250mm to 300mm dia	45	2917.04	131268.8
	(v) For 300mm to 500mm dia			
	Sub Total	863		
TOTAL		2260		
			Total	5794687.35
			Say (In Lacs)	57.94687354

Project Engineer


House Connection work's for Loni Water Supply Scheme, Phase-I, Loni, Distt. - Ghaziabad

UNDER

(Atal Mission for Rejuvenation & Urban Transformation (AMRUT))

Reinstatement of road

I	Name of Work	Nos.	Qty. per Connection in sqm.	Total Quantity in sqm.	Rate	Amount in Rs.
	Permanent Reinstatement of road required for making house connections as per the following road types:-					
1	In C.C. Roads	6333	2.1	13299	1833.00	24377154.96
2	In Bituminous Roads	6383	2.1	13404	1510.00	20240112.48
3	In B.O.E. Roads	22144	2.1	46502	266.65	12399640.97
4	In C.C. interlocking tiles Roads	22169	2.1	46596	660.00	31685320.8
	TOTAL	57048		119001	Total	88702229.24
					Say (in lacs)	887.0222924


Project Engineer

House Connection work's for Loni Water Supply Scheme,
Phase-I, Loni, Distt. - Ghaziabad

UNDER


(Atal Mission for Rejuvenation & Urban Transformation (AMRUT))

Calculation for Number of House connections in existing pipe line

1 Dia wise connection

Dia wise connection	Type of Road			
	C.C. Road 11%	Bitumeen 11%	B.O.E. 39%	Interlocking Tiles 39%
For 50 mm to 110mm dia	3300	3300	10700	10700
For 125mm to 160mm dia	1080	1080	4346	4346
For 180mm-250mm dia	1090	1090	4000	4000
For 250mm to 300mm dia	548	548	2180	2180
For 300mm to 500mm dia	50	50	100	100
Total	6068	6068	21326	21326

Total House Connections in existing pipe lines= 54788


Project Engineer

House Connection work's for Loni Water Supply Scheme,
Phase-I, Loni, Distt. - Ghaziabad

UNDER

(Atal Mission for Rejuvenation & Urban Transformation (AMRUT))

Calculation for Number of House connections in extension of pipe line

1 Dia wise connection

Dia wise connection	Type of Road			
	C.C. Road 11%	Bitumeen 11%	B.O.E. 39%	Interlocking Tiles 39%
For 50 mm to 110mm dia	150	175	314	360
For 125mm to 160mm dia	50	65	181	181
For 180mm-250mm dia	35	50	181	181
For 250mm to 300mm dia	15	10	97	96
For 300mm to 500mm dia	15	15	45	45
Total	265	315	818	863

Total House Connections in new extension of pipe lines = 2260


Project Engineer


**House Connection work's for Loni Water Supply Scheme, Phase-I,
Loni, Distt. - Ghaziabad**

UNDER

(Atal Mission for Rejuvenation & Urban Transformation (AMRUT))

Rates for House Connection in existing pipe lines

1	Name of Work	Labour Cost	Excavation Cost	Material Cost	Dismantling of road. Cost	Total Cost
	Making house connection with distribution main including Dismantling of road, supply, carting of specials. Lowering them into trenches, fixing them in proper alignment and jointing including bailing out to water, necessary excavation for connection including all labour, T&P etc. required for proper completion of the work.					
1	In C.C. Roads					
(i)	For 50 mm to 110mm dia 700	840.00	340.00	1080.00	357.00	2617.00
(ii)	For 125mm to 160mm dia	840.00	340.00	1270.00	357.00	2807.00
(iii)	For 180mm-250mm dia	840.00	340.00	1470.00	357.00	3007.00
(iv)	For 250mm to 300mm dia	840.00	340.00	1570.00	357.00	3107.00
(v)	For 300mm to 500mm dia	840.00	340.00	1700.00	357.00	3237.00
2	In Bituminous Roads					
(i)	For 50 mm to 110mm dia	840.00	340.00	1080.00	272.79	2532.79
(ii)	For 125mm to 160mm dia	840.00	340.00	1270.00	272.79	2722.79
(iii)	For 180mm-250mm dia	840.00	340.00	1470.00	272.79	2922.79
(iv)	For 250mm to 300mm dia	840.00	340.00	1570.00	272.79	3022.79
(v)	For 300mm to 500mm dia	840.00	340.00	1700.00	272.79	3152.79
3	In B.O.E. Roads					
(i)	For 50 mm to 110mm dia	840.00	340.00	1080.00	141.75	2401.75
(ii)	For 125mm to 160mm dia 700	840.00	340.00	1270.00	141.75	2591.75
(iii)	For 180mm-250mm dia	840.00	340.00	1470.00	141.75	2791.75
(iv)	For 250mm to 300mm dia	840.00	340.00	1570.00	141.75	2891.75
(v)	For 300mm to 500mm dia	840.00	340.00	1700.00	141.75	3021.75
4	In C.C. interlocking tiles Roads					
(i)	For 50 mm to 110mm dia	840.00	340.00	1080.00	257.04	2517.04
(ii)	For 125mm to 160mm dia	840.00	340.00	1270.00	257.04	2707.04
(iii)	For 180mm-250mm dia X	840.00	340.00	1470.00	257.04	2907.04
(iv)	For 250mm to 300mm dia	840.00	340.00	1570.00	257.04	3007.04
(v)	For 300mm to 500mm dia	840.00	340.00	1700.00	257.04	3137.04


 Project Engineer

**House Connection work's for Loni Water Supply Scheme, Phase-I,
Loni, Distt. - Ghaziabad**

UNDER

(Atal Mission for Rejuvenation & Urban Transformation (AMRUT))

Rates for House Connection in new extension of pipe lines

	Name of Work	Labour Cost	Excavation Cost	Material Cost	Dismantling of road. Cost	Total Cost
	Making house connection with distribution main including Dismantling of road, supply, carting of specials. Lowering them into trenches, fixing them in proper alignment and jointing, necessary excavation for connection including all labour, T&P etc. required for proper completion of the work.					
1	In C.C. Roads	840.00	340.00	1080.00	357.00	2617.00
(i)	For 50 mm to 110mm dia	620.00	340.00	1270.00	357.00	2587.00
(ii)	For 125mm to 160mm dia	620.00	340.00	1470.00	357.00	2787.00
(iii)	For 180mm-250mm dia	620.00	340.00	1570.00	357.00	2887.00
(iv)	For 250mm to 300mm dia	620.00	340.00	1700.00	357.00	3017.00
(v)	For 300mm to 500mm dia	620.00	340.00	1700.00	357.00	3017.00
2	In Bituminous Roads	840.00	340.00	1080.00	272.79	2532.79
(i)	For 50 mm to 110mm dia	620.00	340.00	1270.00	272.79	2502.79
(ii)	For 125mm to 160mm dia	620.00	340.00	1470.00	272.79	2702.79
(iii)	For 180mm-250mm dia	620.00	340.00	1570.00	272.79	2802.79
(iv)	For 250mm to 300mm dia	620.00	340.00	1700.00	272.79	2932.79
(v)	For 300mm to 500mm dia	620.00	340.00	1700.00	272.79	2932.79
3	In B.O.E. Roads	840.00	340.00	1080.00	141.75	2401.75
(i)	For 50 mm to 110mm dia	620.00	340.00	1270.00	141.75	2371.75
(ii)	For 125mm to 160mm dia	620.00	340.00	1470.00	141.75	2571.75
(iii)	For 180mm-250mm dia	620.00	340.00	1570.00	141.75	2671.75
(iv)	For 250mm to 300mm dia	620.00	340.00	1700.00	141.75	2801.75
(v)	For 300mm to 500mm dia	620.00	340.00	1700.00	141.75	2801.75
4	In C.C. Interlocking tiles Roads	840.00	340.00	1080.00	257.04	2517.04
(i)	For 50 mm to 110mm dia	620.00	340.00	1270.00	257.04	2487.04
(ii)	For 125mm to 160mm dia	620.00	340.00	1470.00	257.04	2687.04
(iii)	For 180mm-250mm dia	620.00	340.00	1570.00	257.04	2787.04
(iv)	For 250mm to 300mm dia	620.00	340.00	1700.00	257.04	2917.04
(v)	For 300mm to 500mm dia	620.00	340.00	1700.00	257.04	2917.04

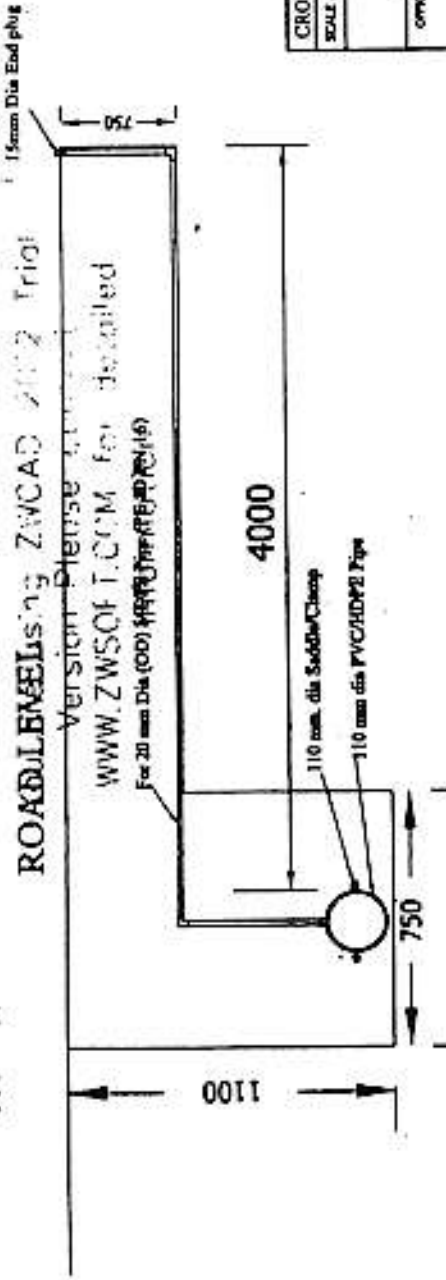
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Project Engineer



DRAWINGS

CROSS SECTION OF HOUSE CONNECTION FOR GHAZIABAD WATER SUPPLY SCHEME

For 110mm Dia PVC/HDPE Pipe



All dimension in MM

CROSS SECTION OF HOUSE CONNECTION	
SCALE : HTS	DWG-01
D.	HT
	E.E.
OFFICE OF THE EXECUTIVE ENGINEER, ADDITIONAL PROJECT DIVISION U.P. RAJNIGRAH, CHAUHANUI (U.P.)	



ANNEXURES



ए० के० गुप्ता
अवर निदेशक
A.K. GUPTA
Additional Director



420/1072-2/2015/15-11
19.12.15
rcues
Lucknow

शेरीय नगर एवं पर्यावरण अध्ययन कोष
(शरीय विकास विभाग, गंगा नगर)
Regional Centre for Urban & Environmental Studies, Lucknow
Ministry of Urban Development, Government of India

शेरीय में

कार्यालय मु०३३० (ए०के०गुप्ताए०के०)
आपकी सं०-366
दिनांक-21-12-15

विभाग निदेशक/निदेशक (अग्रगत योजना),
नगर विकास विभाग,
आवर्ध नगर, इतिहास गंगा,
लखनऊ।

विषय: अग्रगत योजना के अन्तर्गत राज्य स्तरीय तकनीकी समिति के गठन के सम्बन्ध में।

गोप्य

अग्रगत योजना के अन्तर्गत नगर विकास, कलाय बटेरा गंगा की अग्रगण्य में नवित नगर
स्तरीय पर्यावरण संरक्षण समिति की बैठक दिनांक 4.12.2015 को कि गंगा में एक संख्या
2329/ए०के०/शरी-3-2015-1000/2015टीसी विभाग 4.12.2015 में द्वारा निर्गत की गई है।
कि 315 संख्या 8 पर नवित, नगर विकास, कलाय बटेरा गंगा की अग्रगण्य में राज्य स्तरीय
तकनीकी समिति के गठन की स्वीकृति प्रदान की गई थी। इस समिति का स्वरूप निम्नवत् है-

- | | | |
|---|---|-------------|
| 1. शक्ति, गंगा विकास | - | अध्यक्ष |
| 2. निर्देशक, नगर | - | सदस्य |
| 3. प्रमुख निदेशक, विपुल विकास | - | सदस्य |
| 4. मुख्य नगर एवं नगर विकास | - | सदस्य |
| 5. नगर निदेशक, आर०पी०के०ए०के० | - | सदस्य |
| 6. निदेशक, नगर विकास विभाग | - | सदस्य |
| 7. प्रमुख निदेशक, कलाय बटेरा नगर | - | सदस्य |
| 8. प्रमुख अभियंता, शरीय निर्माण विभाग | - | सदस्य |
| 9. विभाग निदेशक/निदेशक, नगर विकास विभाग | - | सदस्य शक्ति |

वही एक ही अग्रगत कार्यालय है कि दिनांक 18.12.2015 को पूर्ववत् कमेटी द्वारा कलाय
बटेरा गंगा का State Annual Action Plan (SAAP) स्वीकृत कर दिया गया है। अब इस सम्बन्ध में
उचित होगा कि निर्देशक विभागों द्वारा सहभागिता, स्वीकृति तथा कार्य की DPR तैयार करती
गई हो तो उन DPR की स्वीकृति हेतु सहाय्यिक उपाय समिति को नवित करने के सम्बन्ध में
आग्रह कर ली जाए, किन्तु कि State Annual Action Plan (SAAP) में विन संख्या का निर्धारण
2015-16 में लिए किया गया है, कि इतिहास ही करें।

SE (NCLM)

CC CH/2015

EE (69/15)
30/12

नवित
(ए०के० गुप्ता)

- प्रतिनिधि:
- शक्ति, गंगा विकास विभाग, अनुभाग-3, 30 30 गंगा, आग्रगत, लखनऊ को इस अनुसूची
के साथ भेजित कि क्या समिति को सहाय्यिक नवित करती हुए बैठक आयोजन करनी का कार्य
करें।
 - मुख्य अभियंता, 3000 जल विभाग, गंगा की इस अनुसूची के साथ भेजित कि State Annual
Action Plan (SAAP) की प्रतिनिधि आप को सहाय्यिक करती या नहीं है। अब क्या कार्य में
की प्रतिनिधि (SAAP) को सहाय्यिक प्रस्तावित है। कमेटी DPR सम्बन्धित नवित विभागों के
सम्बन्ध में सहाय्यिक करती हुए विचारों कि DPR की स्वीकृति के सम्बन्ध में प्रारंभ करती
या करें।
 - 300 जल वि० एवं निर्देशक, आर०पी०के०ए०के० की सूचनाएं एवं इस अनुसूची के साथ
भेजित कि सहाय्यिक कार्य का संकलन इत्यादि का कार्य करण करने का कार्य
करें।

(ए०के० गुप्ता)

उ.प्र.जल निगम, प्रधान कार्यालय, 6-रागा प्रताप मार्ग, सखनऊ-226001

पत्रांक: 18/1005/UOSSMT/005-0300/15, दिनांक: 22.12.2015

अग्रगत कार्यक्रम के अन्तर्गत राज्य स्तरीय तकनीकी समिति के गठन के सम्बन्ध में उपरोक्त पत्र की प्रति
सम्बन्धित शेरीय नगर विकास विभाग, उ.प्र. जल निगम, आगरा/इलाहाबाद/गाजियाबाद/
गोरखपुर/शाही/लखनऊ/कानपुर/काँजाबाद/मुरादाबाद/वातागरी को सूचनाएं एवं आवश्यक कार्यवाही
हेतु भेजित

(शरीय नगर)

कार्यालय मुख्य अभियंता (गंगा क्षेत्र), उ० प्र० जल निगम गाजियाबाद

पत्रांक: 3329/शरीय दिनांक 31-12-15

उपरोक्त की प्रति निम्नलिखित सूचनाएं एवं आवश्यक कार्यवाही हेतु भेजित।

- क्षेत्रान्तर्गत सहाय्यिक अभियंता/सहाय्यिक, 3000 जल निगम।
- क्षेत्रान्तर्गत सहाय्यिक अभियंता/परियोजना प्रबंधक, 3000 जल निगम।

(शरीय नगर)
मुख्य अभियंता (गंगा क्षेत्र)



उत्तर प्रदेश जल निगम

प्रधान कार्यालय, 6-राणा प्रताप मार्ग, लखनऊ 226001

पत्रांक 189/1005/035-0300/UIDSSMT/15. दिनांक: 12.2015
सेवा में

संभरत क्षेत्रीय मुख्य अभियन्ता,
उ.प्र. जल निगम,
वाराणसी/इलाहाबाद/लखनऊ/गाजियाबाद/गोरखपुर/मुरादाबाद/
शाही/आगरा/कैलाशबाद/कानपुर।

विषय: Ajaj Mission for Rejuvenation and Urban Transformation (AMRUT) कार्यक्रम के अन्तर्गत प्राकलन विरचन व निर्माण के कार्य के सम्बन्ध में

महोदय,

संभरत क्षेत्रीय मुख्यालय लखनऊ के कार्यालय ज्ञाप सं 5457/नं-5-2015-227सा/2015 लखनऊ दि 22 दिसम्बर 2015 द्वारा अमृत कार्यक्रम के अन्तर्गत प्राकलन विरचन व निर्माण के कार्य सम्पादित कराए जाने हेतु उ.प्र. जल निगम/सी एण्ड डी एस के माध्यम विज्ञापित किया गया है।

इस कार्यालय के पत्रांक 179/1005/035-0300/UIDSSMT/15. दिनांक 21.12.2015 द्वारा आपसे पूर्व में अनुरोध किया गया है कि भारत सरकार द्वारा भागित APEX कमेटी द्वारा उ090 राज्य का स्टेड एनुअल एवंगेशन प्लान(SAAP) की स्वीकृति के आधर पर परिधानजाओं का विरचन प्राथमिकता पर किया जाना है। सभी क्षेत्रीय मुख्य अभियन्ताओं को email द्वारा SLIP एवं SAAP की प्रति उपलब्ध करा दी गयी है तथा प्राकलन विरचन कर मुख्यतय मेजने हेतु तिविया भी निर्धारित करा दी गई थी।

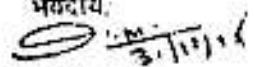
उक्त स्वीकृत SLIP एवं SAAP के आधार पर परिधानजाओं का विरचन समय बद्ध रूप से किया जाने हेतु समस्त सम्बन्धित अधिकारियों को निर्देशित करने का कष्ट करें। जे.एन.एन.यू.आर.एम. में निर्धारित सभी प्रासंगिक तथा उपयुक्त तकनीकी तथा वित्तीय मानक अमृत मिशन में लागू होंगे। फार्म एने में आकस्मिकताएं (contingencies), लेबर सेस व सेन्टेज राज्याश में दर्शाया जाय। प्राकलनों में एक रूपता हेतु Form 'A' और Water Supply एवं Sewer के House Connection के Unit Estimate व Drawing सलमन है। उक्त Unit Estimates में क्षेत्रवार वर्तमान SOR के अनुकय संशोधित कर लिया जाय।

परिधानजा भी आवश्यकता एव प्राकलन विरचन के सम्बन्ध में स्थानित निष्कार से प्रस्ताव प्राप्त कर प्राकलन में अवश्य सलमन करें।

आपसे सभी से पुनः अनुरोध है कि अपने क्षेत्र से सम्बन्धित प्राकलन प्राथमिकता पर विरचन कर AMRUT कार्यक्रम के अन्तर्गत State Level Technical Committee (SLTC) को technical appraisal हेतु समयानुगत प्रेषित करने का कष्ट करें ताकि कर्गों को समय से सम्पादित कराया जा सके।

कृपया उक्त को प्राथमिकता प्रदान करें।

संलग्नक उपरोक्तानुसार।

भवदीय,

(एम. सी. जोशी)
मुख्य अभियन्ता (एन0यू0आर0एम0)

पृष्ठ सं. एवं दिनांक उपरोक्तानुसार:-

प्रतिलिपि निम्नलिखित को सूचना एवं आवश्यक कार्यवाही हेतु पेषित-

1. विदेशक स्थानीय विकास निदेशालय, लखनऊ, उत्तर प्रदेश,
2. प्रबन्ध निदेशक, उ.प्र. जल निगम, लखनऊ, उत्तर प्रदेश।

मुख्य अभियन्ता (एन0यू0आर0एम0)

उत्तर प्रदेश शासन

नगर विकास अनुभाग-5

कार्यालय मु०अ० (एन०यू०आर०एम०) संख्या-5457/नौ-5-2015-227सा/2015

डायरी नं० 1000-990

लखनऊ: दिनांक 22 दिसम्बर, 2015

दिनांक

31-12-2015

कार्यालय द्वारा



C.E (U/R/G)

शहरी विकास विभाग

शहरी विकास मन्त्रालय, भारत सरकार द्वारा नव घोषित योजनाओं/कार्यक्रम विशेष कर अटल मिशन फॉर रिजुवनेशन एंड अर्बन ट्रांसफॉर्मेशन (AMRUT-Atal Mission for Rejuvenation and Urban Transformation), स्मार्ट सिटी मिशन, स्वच्छ भारत मिशन, हाइसिंग फॉर आल, हेरिटेज सिटी विकास एवं आगोमेन्टेशन योजना, हृदय (HIRIDAY) के प्रदेश में क्रियान्वयन के परिप्रेष्य में राज्य सरकार एवं राज्य मिशन निदेशक/निदेशक, नगर विकास निदेशालय, उ०अ० को आवश्यक सहयोग प्रदान किये जाने हेतु कार्यालय ब्राप संख्या-4466(1)/नौ-5-15-227सा/2015, दिनांक 30.07.2015 द्वारा क्षेत्रीय नगर एवं पर्यावरण अध्ययन केन्द्र, लखनऊ को रिक्त सेंटर नामित किया गया है। अतः रिक्त सेंटर के रूप में क्षेत्रीय नगर एवं पर्यावरण अध्ययन केन्द्र, लखनऊ द्वारा विभिन्न योजनाओं/कार्यक्रमों के अन्तर्गत दायित्वों के निर्वहन हेतु एतद्वारा निम्नानुसार दायित्वों, शर्तों एवं प्रतिबन्धों को निर्धारित किये जाने पर श्री राज्यपाल सहाय्य स्वीकृति प्रदान करते हैं-

- (1) अटल मिशन फॉर रिजुवनेशन एंड अर्बन ट्रांसफॉर्मेशन (AMRUT-Atal Mission for Rejuvenation and Urban Transformation)
 - 1- कार्यक्रम के अन्तर्गत स्टेट मिशन डायरेक्टर/निदेशक, नगर विकास, उ०अ० को नगरीय विकासों के सर्वांगीण सेबस इन्फ्रस्ट्रक्चर तैयार करने में सहयोग प्रदान करना।
 - 2- राज्य स्तर पर स्टेट एगुगत एक्शन प्लान (SAAP) को तैयार करने तथा स्टेट एगुगत एक्शन प्लान को राज्य स्तरीय समिति तथा केन्द्रीय समितियों में स्वीकृति हेतु राज्य सरकार एवं मिशन डायरेक्टर को सहयोग प्रदान करना।
 - 3- राज्य स्तर पर राज्य के मिशन निदेशक तथा नगरीय विकास स्तर पर प्रस्तावित सुधारों के क्रियान्वयन में सहयोग प्रदान करना।
 - 4- योजना के अन्तर्गत नगरीय विकासों के प्रशिक्षण एवं क्षमता संवर्धन से सम्बन्धित कार्यों की कार्य योजना बनाने/क्रियान्वयन में सहयोग प्रदान किया जाना।
 - 5- योजना के अन्तर्गत विभिन्न प्रकार के अध्ययन, कार्यशाखाओं, शोध अध्ययन, आईटी गतिविधियों की कार्ययोजना में स्टेट मिशन निदेशक को सहयोग प्रदान करना।
 - 6- योजना से सम्बन्धित राज्य स्तर पर मिशन निदेशक द्वारा लीये गये अन्य कार्य।

SE (JNVNURM)

मु० अ० (नगर) 1-
30/12/15

EE (U)
All SE/Ga

C.E (U/R/G)
4/1/2016

स्मार्ट सिटी मिशन
इस योजना के अन्तर्गत राज्य स्तर पर मिशन डायरेक्टर तथा नगरीय विकासों के स्तर पर स्मार्ट सिटी के पत्र में सहयोग प्रदान करना।
स्मार्ट सिटी प्लान बनाने हेतु कन्सल्टेंट के चयन व डाक्यूमेन्ट तैयार किये जाने हेतु राज्य सरकार एवं राज्य मिशन निदेशक को सहयोग प्रदान करना।
नगरीय विकासों के क्षमिकों को प्रशिक्षण एवं क्षमता संवर्धन, शोध अध्ययन, क्षेत्रीय अध्ययन, एक्साप्लोर विजिट, कार्यशाखा इत्यादि की कार्य योजना तैयार करने/क्रियान्वयन में सहयोग।
स्मार्ट सिटी प्लान के मूल्यांकन इत्यादि में राज्य सरकार एवं राज्य मिशन निदेशक को सहयोग प्रदान करना।
इस योजना से सम्बन्धित राज्य एवं राज्य मिशन निदेशक द्वारा लीये गये अन्य दायित्व।

- (3) स्वच्छ भारत मिशन कार्यक्रम
 - 1- स्वच्छ भारत मिशन के अन्तर्गत राज्य एवं राज्य मिशन निदेशक को स्वच्छ भारत मिशन कार्यक्रम के क्रियान्वयन में सहयोग प्रदान करना।
 - 2- स्वच्छ भारत मिशन के अन्तर्गत अपेक्षित कार्य योजना तैयार किये जाने में सहयोग प्रदान किया जाना।
 - 3- योजना अन्तर्गत राज्य मिशन निदेशक के स्तर पर गठित प्रोजेक्ट मैनेजमेन्ट युनिट (पीएमयू) को सहयोग प्रदान किया जाना।
 - 4- स्वच्छ भारत मिशन के अन्तर्गत नगरीय विकासों के क्षमिकों के क्षमता संवर्धन से सम्बन्धित कार्यों की कार्य

CE एम. वि. वि. वि.

-2-

- 5- कार्यक्रम के अन्तर्गत विभिन्न प्रकार के शोष अध्ययन, शोष अध्ययन, पर्याप्तताएँ, एकसभोगर विगिट तथा आई.ई.टी. प्रतिनिधियों की कार्य योजना तैयार किये जाने में सहयोग।
- 6- कार्यक्रम के क्रियान्वयन में नगरीय निकायों हेतु विभिन्न आकार के ड्राफ्टप्लेन को तैयार करने में सहायता एवं स्टेट मिशन हायरवेक्टर व नगरीय निकायों को सहयोग प्रदान करना।
- 7- योजना के अनुमोदन एवं क्रियान्वयन में स्टेट मिशन निदेशक तथा राज्य सरकार को सहयोग प्रदान करना।
- 2- सन्दर्भित योजनाओं/कार्यक्रमों के अन्तर्गत पेयजल, सीवरज, ड्रेनेज तथा सॉलिड वेस्ट मैनेजमेंट के प्राक्कलन विवरण व निर्माण के कार्य उत्तर प्रदेश जल निगम/सीएण्डडीएस, उओप्रओ जल निगम द्वारा सम्पादित कराये जायेंगे। -

श्रीप्रकाश सिंह
सचिव।

संख्या-5457(1)/जी-5-2015 सूचिनांक

- प्रतिनिधि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित :-
- 1- निजी सचिव, माओ मंत्री जी, नगर विकास विभाग।
 - 2- सचिव, भारत सरकार, शहरी विकास मंत्रालय, निर्माण भवन, नई दिल्ली।
 - 3- स्टेट मिशन हायरवेक्टर (अमृत/स्मार्ट सिटी/स्वच्छ भारत मिशन)/निदेशक, नगर विकास, उओप्रओ लखनऊ।
 - 4- मिशन निदेशक (स्वच्छ भारत), भारत सरकार, शहरी विकास मंत्रालय, नई दिल्ली।
 - 5- समस्त गण्डलायुक्त/जिलाधिकारी, उत्तर प्रदेश।
 - 6- समस्त नगर आपुवत, नगर निगम, उत्तर प्रदेश।
 - 7- निदेशक, सूडा, उत्तर प्रदेश।
 - 8- समस्त अधिशासी अधिकारी, नगर पालिका परिषद्/नगर पंचायत, उत्तर प्रदेश (द्वारा जिलाधिकारी)।
 - 9- नगर विकास विभाग के समस्त अनुमोद/गंगासेल/सूडा।
 - 10- प्रबंध निदेशक, उत्तर प्रदेश जल निगम, लखनऊ।
 - 11- निदेशक, सीएण्डडीएस, उत्तर प्रदेश जल निगम, लखनऊ।
 - 12- निदेशक/समुक्त निदेशक, क्षेत्रीय नगर एवं पर्यावरण अध्ययन केन्द्र, लखनऊ।
 - 13- गार्ड फाईल/कम्प्यूटर रोड।

आशा है,
(समाप्ति) सिंह
विशेष कार्यवाही

उ.प्र.जल निगम, प्रधान कार्यालय, 6-राणा प्रताप मार्ग, लखनऊ-226001

पत्रांक: • 187 / 1005 / UIDSSMT / 035- 0300 / 15. दिनांक: 31.12.2015

अनृत कार्यक्रम के अन्तर्गत प्राक्कलन विवरण व निर्माण के कार्य उ. प्र. जल निगम/सी.एण्ड.डी.एस. द्वारा सम्पादित कराये जाने के सम्बन्ध में उपरोक्त पत्र की प्रति समस्त क्षेत्रीय मुख्य अभियंता, उ.प्र. जल निगम, आगरा/इलाहाबाद/गाजियाबाद/गोरखपुर/झांसी/लखनऊ/कानपुर/फैजाबाद/मुरादाबाद/बाराणसी को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित

(रवीन्द्र बोरा)
अधीक्षण अभियंता (एनओआरओएमओ)

**OFFICE OF THE EXECUTIVE ENGINEER, ADDITIONAL PROJECT DIVISION,
U.P. JAL NIGAM, GHAZIABAD**

Item-1 Dismantling of B.O.E. Road Including disposal of unserviceable material etc. complete

Ref	Detail for 10 sqm.				
SOR/1269	(i) Baldar	Nos.	1	280.00	280.00
	(ii) Coolies	Nos.	1	280.00	280.00
	(iii) Disposal of unserviceable bricks & sundries	L.S.			54.00
	Total				614.00
	Add 10% C.P.				61.40
	Total				675.40
	Rate for per sqm				67.54
	Say				67.50

Prepared by

sd
(J.E.)

Checked by

sd
(Computer)

Recommended by

hs
(A.E.)

Approved by

Omendra
(E.E.)

Item-2 Dismantling of Interlocking tile Road with base Concrete including disposal of unserviceable material etc. complete

Ref.	Detail for 10 sqm.				
	(i) Baldar	Nos.	2.5	280.00	700.00
	(ii) Coolies	Nos.	0.5	280.00	140.00
	(iii) Disposal of unserviceable tiles & Malwa including sundries	L.S.			273.00
	Total				1113.00
	Add 10% C.P.				111.30
	Total				1224.30
	Rate for per sqm				122.40

Prepared by

sd
(J.E.)

Checked by

sd
(Computer)

Recommended by

hs
(A.E.)

Approved by

Omendra
(E.E.)

**OFFICE OF THE EXECUTIVE ENGINEER, ADDITIONAL PROJECT DIVISION,
U.P. JAL NIGAM, GHAZIABAD**

Item-3 : Dismantling of C.C. Road including disposal of unserviceable material etc. complete

Ref.	Rate for 10 cum				
SOR/1266	Labour				
	(i) Coolies	Nos.	14	280	3920.00
	(ii) Mazdoor	Nos.	14	280	3920.00
	(iii) Black Smith	Nos.	3.33	300	1000.00
					8840.00
					884.00
	C.P. @ Rate 10%				9724.00
					972.40
	Rate per cum				170.17
	Rate per sqm. For 17.5 cm. thick road with base concrete		0.175x972.40		170.17
	Say				170.00

Prepared by

sd/-
(J.E.)

Checked by

sd/-
(Computer)

Recommended by

[Signature]
(A.E.)

Approved by

[Signature]
(E.E.)

OFFICE OF THE EXECUTIVE ENGINEER, ADDITIONAL PROJECT DIVISION,
U.P. JAL NIGAM, GHAZIABAD

Analysis of Rate as per C.P.W.D (Item No. 16.13 Part-I)

Item No.-4 Dismantling manually/by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-charge.

15.43.1: Bituminous Road

(Rate in Rs.)

Code	Description	Unit	Qty	Rate	Amount
1	2	3	4	5	6
	Detail of cost for 36 sqm				
	Consider a road 6 meters wide and 6 meters length wise 25 cm average depth= 10.80 cubic meter				
	LABOUR				
	For cutting road taking out soling and metalling including sorting and screening				
0114	Beldar	Day	9.60	280.00	2688.00
0115	Coolie	Day	4.80	280.00	1344.00
9999	Labour for stacking of serviceable material and disposal of unserviceable material within 50 meters lead	L.S.	107.64	1.64	176.53
	Total				4208.53
	Add 1% for water charges				42.09
	Total				4250.62
	Add 10% for contractor's profit and overheads				425.06
	Cost of 36.00 sqm				4675.68
	Cost of 1.00 sqm				129.88
				Sny	129.90

Prepared by

sd/-
(J.E.)

Checked by

sd/-
(Computer)

Recommended by

[Signature]
(A.E.)

Approved by

[Signature]
(E.E.)

OFFICE OF THE EXECUTIVE ENGINEER, ADDITIONAL PROJECT DIVISION,
U.P. JAL NIGAM, GHAZIABAD

ITEM - 2 Permanent Reinstatement of Interlocking tiles with 40% new tiles (80 mm thick M-30 Grade) including all material, labour, T&P etc. complete.

Ref.	Detail cost for 10 sqm.	Unit	Qty	Rate	Amount
	40% New tiles	SQM	40%	535.00	214.00
	Fine sand	CUM	0.062	1070.00	66.34
					280.34
	10% C.P				28.03
	(a)				308.37
SOR/1009	P.C.C. 1:6:12 (75 mm thick) (b)	Nos.	0.075	3463.89	259.79
	Labour Details for 10 Sqm				
SOR/1218	(i) Masan	Nos.	1	420.00	420.00
	(ii) Beldar	Nos.	1.5	280.00	420.00
	(iii) Coolie	Nos.	0.5	280.00	140.00
	Sundries	L.S			33.80
					1013.80
	C.P		10%		101.38
					1115.18
	Rate Per Sqm(c) for tile fixing				111.518
	Say(c)				111.51
	Total(a+b+c)				679.67
				Say	680.00

Prepared by

sk
(J.E.)

Checked by

cd
(Computer)

Recommended by

dl
(A.E.)

Approved by

Pradyumn
(E.E.)

OFFICE OF THE EXECUTIVE ENGINEER, ADDITIONAL PROJECT DIVISION,
U.P. JAL NIGAM, GHAZIABAD

ITEM - 1 REINSTATEMENT OF B.O.E ROAD LAID DRY, JOINTS SAND FILLED.

SOR-1218	Details of cost for	10	SQM		
	MASON	1	DAY	420.00	420.00
	BELDAR/MAZDOOR	1.5	DAY	280.00	420.00
	COOLIE	0.5	DAY	280.00	140.00
	BRICKS OVER BURNT STRAIGHT(40% NEW)	220	1000NOS	4900.00	1078.00
	FIND SAND	0.33	CUM.	1070.00	353.10
				Sub Total	2411.10
	Sundries	0.5	%		12.06
				Sub Total	2423.16
	Contractor's profit @ 10 %				242.32
				Total	2665.47
	Rate per	SQM	Rs.	266.55	

Prepared by

sd
(J.E.)

Checked by

cd
(Computer)

Recommended by

cd
(A.E.)

Approved by

sd
(E.E.)

OFFICE OF THE EXECUTIVE ENGINEER, ADDITIONAL PROJECT DIVISION,
U.P. JAL NIGAM, GHAZIABAD

Item - 3 : Reinstatement of C.C. Road 100mm thick in 1:2:4 cement coarse sand & stone ballast 20mm gauge with base concrete 150mm. thick PCC 1:4:8 with cement, coarse sand and 40mm. gauge stone ballast including all material, labour T&P etc. complete.

Ref.		Thickness of Road (m)	Rate per Cum	Amount
SOR	<u>Detail of Cost per Sqm.</u>			
1015	C.C. 1:2:4 for Road Slab	0.10	8323.27	832.33
	P.C.C. 1:4:8 for base of road	0.15	7006.67	1051.00
1017			Total	1885.33
			Say	1833.00

Prepared By

skr
J.E.

Checked By

skr
Computer

Recommended by

[Signature]
A.E.

Approved By

[Signature]
E.E.

CARRIAGE

5

1	2	P.W.D. Specification	Rate of Carriage	
			Per Cum/Km	Per Cum (Cumulative)
3	4	5	6	7
231 (a)	Carriage of Ballast, Kankar, Coast. Grd. or Sand etc., including loading and unloading but excluding stackings on piece works.	31		
	1st k.m.		80.20	80.20
	2nd k.m.		19.70	99.90
	3rd k.m.		17.60	117.50
	4th k.m.		15.90	133.40
	5th k.m.		14.50	147.90
	6th k.m.		13.50	161.40
	7th k.m.		12.60	174.00
	8th k.m.		11.90	185.90
	9th k.m.		11.30	197.20
	10th k.m.		10.60	208.00
	11th k.m.		10.50	210.50
	12th k.m.		10.10	228.60
	13th k.m.		9.80	238.40
	14th k.m.		9.60	248.00
	15th k.m.		9.30	257.30
	16th k.m.		9.00	266.30
	17th k.m.		8.90	275.20
	18th k.m.		8.70	283.90
	19th k.m.		8.60	292.50
	20th k.m.		8.40	300.90
	21st k.m.		8.30	309.20
	22nd k.m.		8.20	317.40
	23rd k.m.		8.10	325.50
	24th k.m.		8.10	333.60
	25th k.m.		8.00	341.60
	26th k.m.		7.90	349.50
	27th k.m.		7.80	357.30
	28th k.m.		7.80	365.10
	29th k.m.		7.80	372.90
	30th k.m.		7.70	380.60
	31st to 35 k.m.		7.50	418.10
	36th to 40 k.m.		7.10	453.70
	41st to 50 k.m.		6.80	521.70
	51st to 75 k.m.		6.20	676.70
	76th to 100 k.m.		4.00	700.20
	101st to 200 k.m.		4.40	1239.20
	201st to 250 k.m.		4.20	1449.20
	251st to onwards.		4.20	

(Er. R.R. SINGH)
 Superintending Engineer,
 Lucknow Circle, P.W.D., Lucknow.

Handwritten notes and signatures on the left margin, including a large signature and some illegible text.

CHAPTER 1 MATERIALS

The rates for Item No. 1 are including the rate upto 8 Km. distance from the kiln.
 The rates (except for Item No. 2) are for the whole district but exclusive of contractor's profit, five percent contractor's profit may be added while taking supply through some agency other than direct supplier. The rates including the cost of royalty and taxes etc.
 Item No. 2, 3B & 3C are for the whole district including the contractor's profit.
 All materials shall conform to the code of IS. Code wherever applicable as per B.W.D. Specification.

Schedule Item No.	Materials	B.W.D. Specification No.	Unit	Rate
1	2	3	4	5
1	(a) Bricks M-150	1.1.1 (ISI-1077-1986)	Per 1000 Nos.	5000.00
	(b) Bricks M-100	1.1.2	Per 1000 Nos.	4700.00
	(c) Bricks-Straight over burnt	1.1.4	Per 1000 Nos.	4800.00
	(d) Brick - Tiles (1st Class)		Per 1000 Nos.	6800.00
	(e) Brick-Bats M-150		Per Cum.	500.00
	(f) Brick-Bats (O.B.)		Per Cum.	650.00
2	Ballast (M-150 or over burnt Brick Ballast)			
	(a) 5.00 cm. Gauge	1.2	Per Cum.	725.00
	(b) 4.00 cm. Gauge	1.2	Per Cum.	825.00
	(c) 2.50 cm. Gauge	1.2	Per Cum.	875.00
3(A)	Basalt (Hard Stone) Boulders for Jwalpur Hardwar quarry. Size shall be as per M.P.P. Code. I.R.C. rates. Rates are same for both.			
	(a) 45-90/40-90 mm. Gauge		Per Cum.	500.00
	(b) 45-90/30-90 mm. Gauge		Per Cum.	660.00
	(c) 22.5-45/25-00 mm. Gauge		Per Cum.	600.00
	(d) Qualified Stone 150-200 mm. size Stone Builders of size 150mm. and below		Per Cum.	200.00
	(e) Stone Spall		Per Cum.	
	(f) Granular material or hard medium for GSB works		Per Cum.	
3(B)	Same as above in item No. 3(A) but for grit for Hardwar Jwalpur quarry.			
	(a) 20 mm. gauge stone		Per Cum.	750.00
	(b) 15 mm. gauge stone		Per Cum.	750.00
	(c) 13 mm. gauge stone		Per Cum.	750.00
	(d) 11 mm. gauge stone		Per Cum.	750.00
	(e) 8 mm. gauge stone		Per Cum.	750.00
	(f) Stone dust (Crusher)		Per Cum.	380.00

(1) देहरादून जिले के निम्नलिखित क्षेत्रों में प्रायः की गई विवेक के अनुसार उपरोक्त दरों में शीतकाल में समितित है जिसके लोडिंग एवं ट्रेकिंग के लिए लोडिंग लाभांश सम्मिलित नहीं है। खदान की खोज में उत्तर में लोडिंग वेट भी सम्मिलित है।

(2) लोडिंग वेट स्केल पर आधारित मर्दानों की दर विवेक में आर०एम०आर० में तबई दर पर 5 प्रतिशत ट्रेकिंग का लोडिंग देय होगा। शीतकाल की मर्दानों में दर विवेक में अंत में 10 प्रतिशत ट्रेकिंग का लोडिंग देय होगा, यदि आर०एम०आर० पर कोई लोडिंग सम्मिलित नहीं किया हो तो।

Non-Plant Work

Rate of Bitumen w.e.f. 16-11-13 of IOC from Mathura Refinery

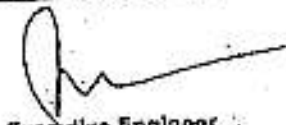
S. No	Particular	Bitumen CRMB-55 Grade	Bitumen VG-30 Grade	Bitumen VG-10 Grade
		43554.00	44344.00	43544.00
1	Basic Rate at Mathura	6111.58	6208.18	6090.18
2	Excise Duty @14%	183.35	186.24	182.88
3	Education cess @2% + higher edu. @1%+3%			
	Total	49948.91	50738.40	49823.04
	Add VAT @14%	6992.85	7103.38	6975.23
		758.86	758.66	758.86
4	Cartage 432 Km@1.752/per Km. /per Ton	500.00	500.00	500.00
5	Store Handling charges			
	Total	58198.82	59098.86	58056.14
	Rate Per Ton Bay	58199.00	59099.00	58056.00

Rate of Bitumen w.e.f. 16-11-13 of IOC from Panipat Refinery

S. No	Particular	Bitumen Emulsion Slow Setting (Packed)	Bitumen Emulsion Medium Setting (Packed)
		37808.00	39828.00
1	Basic Rate at Panipat	5293.12	6847.92
2	Excise Duty @14%	168.79	188.44
3	Education cess @2% + higher edu. @1%+3%		
	Total	43269.91	46342.36
	Add VAT@4%	1730.40	1813.69
		219.00	219.00
4	Cartage 1x125 Km@1.752/per Km. /per Ton	500.00	500.00
5	Handling charges		
	Total	45709.31	47876.05
	Rate Per Ton Bay	45700.00	47876.00

JE

Asst. Engineer
CD(Bldg), PWD, Meerut


Executive Engineer
CD(Bldg), PWD, Meerut

ROAD METAL RATES

कार्य का नाम - नहर पार में हाउस कनेक्शन सैन्य व सीवर लाइन बिछाने वाले के कार्य के अर्थात् गार्ड सुधार / मरम्मत का कार्य।

1	2	3	4	5	Distance from quarry to site in Kms.			6	7	8	9	10	11	12	13	14	15	16	17	18
					K	P	Total													
Granular material for GSB work																				
39	Hardwar	500.00	0.00	500.00	2	152	-	154	1036.80	91.77	933.12	1433.12	0.00	1433.12	1433.12	0.00	1433.12	1433.12	1433.12	16.00
45-63 mm Stone Ballast																				
39	Hardwar	550.00	0.00	550.00	2	152	-	154	1036.80	91.77	933.12	1317.73	0.00	1483.12	1483.00	0.00	1483.12	1483.00	154.00	16.00
22.4-53 mm Stone Ballast																				
39	Hardwar	600.00	0.00	600.00	2	152	-	154	1036.80	91.77	933.12	1533.12	0.00	1533.12	1533.12	0.00	1533.12	1533.12	799.20	16.00
19 mm to 6 mm all size Stone grit																				
39	Hardwar	750.00	0.00	750.00	-	138	-	138	966.40	83.67	869.76	1619.76	0.00	1619.76	1619.76	0.00	1619.76	1619.76	21.90	16.00
Distance for Grit																				
39	Hardwar	380.00	0.00	380.00	-	138	-	138	966.40	83.67	869.76	1249.76	0.00	1249.76	1249.76	0.00	1249.76	1249.76	1058.70	16.00
Distance for Stone Ballast																				
Quarry to Hardwar																				
Hardwar to Meerut																				
Meerut to Site																				
Total																				
Carriage																				
UP to 100 km.																				
KM 101 to 154																				
Add Kaucha Ist & lind																				
Total																				
Quarry to Meerut																				
Meerut to Site																				
Total																				
Carriage																				
UP to 100 Km.																				
KM 101 to 138																				
Total																				

- Certified that 1. Shortest route has been adopted.
 2. Quarry rates & carriage has been approved by S.E. Meerut, Circle P.W.D. Meerut.
 3. Shortest & correct distance from quarry to site of work has been taken in R.M.R.
 4. Approved quarry has been taken in R.M.R.

Analysis of Rates for Restatement of Bituminous road cutting for H.C.C. & sewerage works in streets of Meerut City Sewer Zone-7. (F.Y. 2015-16)

no	Item of work	Unit	Quantity	Rate (in Rs.)	Amount (in Rs.)
1	Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density complete as per clause 401				
	Unit = Cum				
	Taking output = 300 Cum				
a	Labour	day	0.40	380.00	152.00
	Mate	day	2.00	255.00	510.00
	Mazdoor skilled	day	8.00	255.00	2040.00
	Mazdoor				
	Total				2702.00
b	Machinery				
	Mortor Grader 110 HP @ 50 cum per hour	hour	6.00	1545.00	9270.00
	Vibratory roller 8-10 tonne	hour	6.00	994.00	5964.00
	Water tanker 6 kl capacity	hour	3.00	156.00	468.00
	Total				15702.00
	Escalation on Machines @ 60% on (b) for rate of yr. 2001-02		15702.00	0.60	9421.20
	Sub Total				25123.20
c	Material				
	for coarse graded Granular sub-base material per table 400-2				
	for grading-1 material				
	53 mm to 26.5 mm @ 35 per cent	cum	134.40	1533.12	206051.33
	26.5 mm to 4.75 @ 45 per cent	cum	172.80	1619.76	279894.53
	2.36 mm below @ 20 per cent (coarse sand)	cum	76.80	1249.76	95981.57
	cost of water	kl	18.00	86.50	1557.00
	Total				589484.42
	a+b+c			S.Total	611309.62
d	Overhead charges @ 10% on (a+b+c)		611309.62	0.10	61130.96
	a+b+c+d			S.Total	672440.58
e	Contractors profit @ 10% on (a+b+c+d)		672440.58	0.10	67244.06
	cost for 300 cum = a+b+c+d+e			G. Total	739684.64
	rate per cum = (a+b+c+d+e)/300				2465.62
				Say	2466.00
2	Water Bound Macadam				
	Providing laying spreading and compacting stone aggregates of specific sizes to water bound macadam G-2 specification including spreading in uniform thickness, hand packing rolling with 3 wheeled steel/vibratory roller & 10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/blinding materials to fill up to interstices of coarse aggregate, watering and compacting to the required density. complete as per clause 404.				
A	By Manual Means				
	Unit = Cum				
	Taking output = 360 Cum				
a)	Labour	day	10.08	380.00	3830.40
	Mate	day	2.00	255.00	510.00
	Mazdoor skilled	day	250.00	255.00	63750.00
	Mazdoor/Beldar				
	Total				68090.40

Analysis of Rates

	Item of work	Unit	Quantity	Rate (in Rs.)	Amount (in Rs.)
d.	b) Machinery				
	Smooth 3 wheeled steel roller @ 30 cum/hour	hour	12.00	297.00	3564.00
	Water tanker 6 kl capacity	hour	24.00	156.00	3744.00
	Total				7308.00
	Escalation on Machines @ 60% on (b) for rate of yr. 2001-02		7308.00	0.60	4384.80
	S. Total				11692.80
	c) Material (Refer table 400-7, 8 & 9)				
ii)	Grading-II				
	Aggregate				
	Grading -II 63 mm to 45mm @ 0.91 cum per 10sqm for compacted (thickness of 75mm	cum	435.60	1483.12	646047.07
	Stone Screening				
	Crushable type such as Moorum or Gravel for grading II @ 0.22 cum per 10sqm	cum	105.59	1249.76	131962.16
	Binding material				
	Binding material @ 0.06 cum per 10 sqm for grading II material	cum	-	-	0.00
	Cost of water	kl	144.00	86.50	12456.00
	(a+b+c) Total				870248.43
d	Overhead charges @ 10 % (a+b+c)		870248.43	0.10	87024.84
	a+b+c+d			S. Total	957273.27
e	Contractors profit @ 10% on (a+b+c+d)		957273.27	0.10	95727.33
	cost for 360 cum = a+b+c+d+e			G. Total	1053000.60
	rate per cum = (a+b+c+d+e)/360			2925.00	2925.00
				Say	2925.00
3	Water Bound Macadam				
	Providing laying spreading and compacting stone aggregates of specific sizes to water bound macadam G-3 specification including spreading in uniform thickness, hand packing rolling with 3 wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density. complete as per clause 404				
A	By Manual Means				
	Unit = Cum				
	Taking output = 360 Cum				
	a) Labour				
	Mnte	day	10.08	380.00	3830.40
	Mazdoor skilled	day	2.000	255.00	510.00
	Mazdoor	day	250.00	255.00	63750.00
	Total				68090.40
	b) Machinery				
	Smooth 3 wheeled steel roller @ 30cum/hour	hour	12.00	297.00	3564.00
	water tanker 6 kl capacity	hour	24.00	156.00	3744.00
	Total				7308.00
	Escalation of Machines @ 60% on (b) for rate of yr.2001-02		7308.00	0.60	4384.80
	S. Total				11692.80

Analysis of Rates

No.	Item of work	Unit	Quantity	Rate (in Rs.)	Amount (in Rs.)
iii)	Grading-III				
c	Aggregate				
	Grading -III 53 mm to 22.4mm @ 0.91 cum per 10sqm for compacted thickness of 75mm	cum	435.60	1533.12	667827.07
	Crushable type such as Moorum or Gravel for grading III @ 0.22 cum per 10sqm	cum	105.59	1249.76	131962.16
	Binding material				
	Binding material @ 0.06 cum per 10 sqm for grading II material	cum	28.80	64.00	1843.20
	Cost of water	kl	144.00	86.50	12456.00
	Total				893871.63
d	Overhead charges @ 10 % (a+b+c)		893871.63	0.10	89387.16
	a+b+c+d			S. total	983258.79
e	Contractors profit @ 10% on (a+b+c+d)		983258.79	0.10	98325.88
	cost for 300 cum = a+b+c+d				
	rate per cum = (a+b+c+d)/360			3004.40	3004.40
				say	3000.00
4	Prime Coat				
	Providing and applying primer coat with bitumen emulsion of slow setting grade on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.05 kg/sqm using mechanical means as per MORTH & H Spcn. no. 502				
	Unit = sqm				
	Taking output = 3500 sqm				
	Mate	day	0.08	380.00	30.40
	Mazdoor	day	2.00	255.00	510.00
	Total				540.40
b	Machinery				
	Machical broom @ 1250 sqm per hour	hour	2.80	230.00	644.00
	Air compressor 250cfm	hour	2.80	206.00	576.80
	Emulsion pressure distributor @ 1750 sqm per hour	hour	2.00	516.00	1032.00
	Water tanker 6 kl capacity @ 1 trip per hour	hour	1.00	156.00	156.00
	Total				2408.80
	Escalation on machines @ 60% on (b0 for rate of yr. 2001-02)		2408.80	0.60	1445.28
				s. total	3854.08
c	Material				
	Bitumen emulsion of slow setting grade @ 0.60 kg per sqm	tonne	2.10	45709.00	95989
	Cost of water	kl	6.00	86.50	519.00
				total	96508.00
	a+b+c			S. Total	100902.08
d	Overhead charges @ 10% on (a+b+c)		100902.08	0.10	10090.20
	a+b+c+d			S. Total	110992.29
e	Contractor's charges @ 10% on (a+b+c+d)		110992.29	0.10	11099.23
f	Add cost of Addl. Vat on Maxphalt(14.04-14.04)= 0% on Bit without Cartage		0.000	0.00	0.00
	cost for 3500 sqm = a+b+c+d+e				G. total 122091.52
	Rate per cum = (a+b+c+d+e)/3500				34.88
				say	34.88

Analysis of Rates

No.	Item of work	Unit	Quantity	Rate (in Rs.)	Amount (in Rs.)
5	Tack Coat				
	Providing and applying tack coat with bitumen VG-10 grade using bitumen pressure distributor at the rate of 0.35 Kg. per sqm on the prepared bituminous/granular surface cleaned with mechanical broom as per MORT&H Spech No. 503				
	Unit=sqm				
	Taking output=3500sqm				
a	Labour				
	Mate	Days	0.08	380.00	30.40
	Mazdoor	Days	2.00	255.00	510.00
				Total	540.40
b	Machinery				
	Mechanical broom @ 1250 sqm per hour	Hour	2.80	230.00	644.00
	Air compressor 250 cfm	Hour	2.80	206.00	576.80
	Bitumen pressure distributor @ 1750 sqm per hour	Hour	2.00	692.00	1384.00
				Total	2604.80
	Escalation on Machines @ 60% on (b) for rate of year 2001-02		2604.80	0.60	1562.88
				S. Total	4167.68
c	Material				
	Bitumen VG-10 @ 0.35 Kg per sqm	tonne	1.225	58055.00	71117.38
				Total	71117.38
	a+b+c			S. Total	75825.46
d	Overhead charges @ 10% on (a+b+c)		75772.66	0.10	7577.27
	a+b+c			S. Total	83402.72
e	Contractor's profit @ 10% on (a+b+c+d)		83349.93	0.10	8334.99
				S. Total	91737.71
f	Add cost of Addl. Vat on Maxphalt(14.04-14.04)= 0% on Bit without Cartage		71117.38	0.00	0.00
	Cost for 3500 sqm = a+b+c+d+e+f			Total	91737.71
	Rate per sqm = (a+b+c+e+f)/3500				26.21
	Bituminous macadam - 75 mm				
6	Providing and laying 75mm thick bituminous macadam with 100-120 TPH hot mix plant producing an average output 75 tonnes per hour using crushed aggregates of Haldwani approved quarry of specified grading premixed with bituminous binder grade 60/70@3.40% of wt. of mix as per approved JMF, transported to site, laid over a previously prepared surface with hydrostatic paver finisher with sensor control to the required grade, level and allgment, rolling with smooth wheeled, vibratory roller to achieve the desired compaction as per clauses 501.6 and 501.7 complete in all respect as per MORT & H Spech. No. 504				
	Unit=cum				
	Taking density as 2.20				
	Taking output = 205 cum (450 tonnes)				
a	Labour				
	Mate	days	0.84	380.00	319.20
	Mazdoor working with HMP, mechanical broom, paver, roller, asphalt cutter and assistance for setting out lines, levels and layout of construction.	days	14.00	255.00	3570.00
	Skilled mazdoor for checking line & levels	days	5.00	255.00	1275.00
				Total	5164.20

	Item of work	Unit	Quantity	Rate	Amount
	Machinery				
	Batch mix HMP of 100-120 TPH @ 75 tonne per hour	Hour	6.00	11167.00	67002.00
	Paver finisher hydrostatic with sensor control @ 75 cum per hour	Hour	6.00	1725.00	10350.00
	Generator 250 KVA	Hour	6.00	900.00	5400.00
	front end loader 1 cum bucket capacity	Hour	6.00	520.00	3120.00
	Tipper (8 Km. av. Lead) 450x8	tonne	3600.00	1.74	6264.00
	Add 10% of cost of carriage to cover cost of loading and unloading				626.40
	Smooth wheeled roller 8-10 tonnes for initial break down rolling	Hour	6.00x0.65	297.00	1158.30
	Vibratory roller 8 tonnes for intermediate rolling	Hour	6.00x0.65	994.00	3876.60
	Finish rolling with 6-8 tonnes smooth wheeled tandem roller	Hour	6.00x0.65	738.00	2878.20
				Total	100675.50
	Escalation on Machines @ 60% on (b) for rate of year 2001-02		100675.50	0.60	60405.30
				S. Total	161080.80
c	Material				
	i) Bitumen 60/70 (VG-30 grade) @ 3.40 % of mix	tonne	15.30	59099.00	904214.70
	weight of mix = 205x2.2 = 450 tonne				
	ii) Aggregate				
	Total weight of mix = 450 tonnes				
	Weight of bitumen = 15.30 tonnes				
	Weight of aggregate = 450-15.30 = 434.70 tonnes				
	Taking density of aggregate = 1.5 ton/cum				
	Volume of aggregate = 289.80 cum				
	Geradingll (19mm nominal size of Hardwar quarry)				
	25-10mm 40%	cum	115.92	1619.76	187762.58
	10-5mm 40%	cum	115.92	1619.76	187762.58
	5mm and below 20%	cum	57.96	1619.76	93881.29
				Total	1373621.15
	a+b+c			S. Total	1539866.15
d	Overhead charges @ 10% on (a+b+c)		1539866.15	0.10	153986.62
	a+b+c			S. Total	1693852.77
e	Contractor's charges @ 10% on (a+b+c+d)		1693852.77	0.10	169385.28
				S. Total	1863238.04
f	Add cost of Add. Vat on Maxphalt(14.00-14.00) = 0% on Bit without Cartage		904214.700	0.00	0.00
	G. Total (a+b+c+d+e)				1863238.04
	Rate per cum = (a+b+c+e)/205				9088.97
7	Tack Coat			Say	9089.00
	Providing and applying tack coat with bitumen VG-10 grade using bitumen pressure distributor at the rate of 0.30 Kg. per sqm on the prepared bitumenous/granular surface cleaned with mechanical broom as per MORT&H Spech No. 503				
	Unit=sqm				
	Taking output = 3500 sqm				
a	Labour				
	Mate	day	0.08	380.00	30.40
	Mazdoor	day	2.00	255.00	510.00
				Total	540.40
b	Machinery				
	Mechanical broom @ 1250 sqm per hour	Hour	2.8	230.00	644.00

Analysis of Rates

No.	Item of work	Unit	Quantity	Rate (in Rs.)	Amount (in Rs.)
	Air Compressor clm	hour	2.80	206.00	576.80
	Bituminous pressure distributor @ 1750 sqm per hour	hour	2.00	692.00	1384.00
	Total				2604.80
	Escalation on Machines @ 60% on (b) for rate of yr. 2001-02		2604.80	0.60	1562.88
	S. Total				4167.68
c	Material				
	Bituminous V-10 @ 0.30 km per sqm	tonne	1.05	58055.00	609557.75
					609557.75
	a+b+c				70169.11
d	Overhead charges @ 10 % (a+b+c)		70169.11	0.10	7016.91
	a+b+c+d				77186.02
e	Contractors profit @ 10% on (a+b+c+d)		77186.02	0.10	7718.60
	cost for 3500 sqm = a+b+c+d+e				84904.62
	rate per sqm = (a+b+c+d+e+f)/3500				24.26
	say				24.25
B	Semi-Dense Bituminous Concrete				
	Providing and laying 25mm thick semi dense bituminous concrete with 100-120 TPH producing an average output 75 tonnes per hour using crushed aggregates of Haldwani approved quarry of specified grading premixed with bituminous binder CRMB-55 @4.50% of mix and filler as per approved JMF, transporting the hot mix to the work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 508 complete in all respects.				
	Unit = Cum				
	Taking output as 2.30				
	Taking density = 195 cum (450 tonnes)				
a	a) Labour				
	Mate	day	0.84	380.00	319.20
	Mazdoor working with HMP, Mechanical-broom, paver, roller, asphalt cutter and assistance for setting out lines, levels and layout of construction.	day	14.000	255.00	3570.00
	Skilled mazdoor for checking line & levels	day	5.00	255.00	1275.00
	Total				5164.20
b	b) Machinery				
	Batch mix HMP of 100-120 TPH @ 75 tonnes per hour	hour	6.00	11167.00	67002.00
	Paver finisher hydrostatic with sensor control @ 75 cum per hour	hour	6.00	1725.00	10350.00
	Generator 250 KVA	hour	6.00	900.00	5400.00
	Front end loader 1 cum bucket capacity	hour	6.00	520.00	3120.00
	Tipper(8 km av. lead) 450x8	tonne	3600.00	1.74	6264.00
	Add 10 per cent of cost of carriage to cover cost of loading and unloading				626.40
	Smooth wheeled roller 8-10 tonnes for initial break down rolling.	hour	6.00x0.65	297.00	1158.30
	vibratory roller 8 tonnes for intermediate rolling	hour	6.00x0.65	994.00	3876.60
	Finish rolling with 6-8 tonnes smooth wheeled tandem roller	hour	6.00x0.65	738.00	2878.20
					100675.50
	Escalation on Machines @ 60% on (b) for rate of yr. 2001-02		100675.50	0.60	60405.30
	Total				161080.80

Item of work	Unit	Quantity	Rate	Amount
Materail				
Geradingll (13mm nominal size of Hardwar quarry)				
i) Bitumen CRMB-55 @ 4.50% of weight of mix	tonne	20.250	58199.00	1178529.75
ii) Aggregate				
Total weight of mix = 450 tonnes				
Weight of bitumen = 20.250 tonnes				
Weight of aggregate = 450-20.250 = 429.750 tonnes				
Taking density of aggregate = 1.5 ton/cum				
Volume of aggregate = 286.50 cum				
Geradingll (19mm nominal size of Hardwar quarry)				
13.2-10mm@ 20%	cum	57.30	1619.76	92812.25
10-5mm@ 38%	cum	108.87	1619.76	176343.27
5 mm and below @ 40%		114.60	1619.76	185624.50
Filler @ 2% of weight of aggregates	cum	5.73	1249.76	7161.12
			Total	1633309.77
a+b+c			S. Total	1798252.97
d Overhead charges @ 10% on (a+b+c)		1798252.97	0.10	179825.30
a+b+c			S. Total	1978078.26
e Contractor's charges @ 10% on (a+b+c+d)		1978078.26	0.10	197807.83
			S. Total	2175886.09
f Add cost of Addl. Vat on Maxphalt(14.04-14.04)= 0% on Bit without Cartage		1178529.75	0.00	0.00
Rate per cum = (a+b+c+e)/195				11158.39
9 Cost of Water for Tubewell having capacity Six Thousand Liter per hour				
1 Generator Charges as in Data Book	Hour			240.00
2 Tubewell Operator	Hour			25.00
3 Running Charges of Tubewell	L.S.			50.00
4 Miscellineous item such as mobile oil grees and other petty repair	L.S.			30.00
5 Excalation 60% on 290.00	L.S.			174.00
				519.00
			Rate per Kl = 519.00/6	86.5

LE
A.P.E.

Agant
P.E.

Analysis of Rates for Restatement of Bituminous road cutting for H.C.C. & sewerage works in streets of Meerut City Sewer Zone-5&7.

No.	Item of work	No	L (M)	B. (M)	H. (M)	Qty.	Unit
1	Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with ratavator at OMC, and compacting with vibratory roller to achieve the desired density complete as per clause 401	1	1.00	1.00	0.10	0.10	CUM
2	Providing laying spreading and compacting stone aggregates of specific sizes to water bound macadam G-2 specification including spreading in uniform thickness hand packing rolling with 3 wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming required type of screening/binding materials and compacting to the required density. MORTH 404 (2cbats)	2	1.00	1.00	0.075	0.075	CUM
3	Providing laying spreading and compacting stone aggregates of specific sizes to water bound macadam G-3 specification including spreading in uniform thickness hand packing rolling with 3 wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstics of coarse aggregate, watering and compacting to the required density. MORTH 404.	2	1.00	1.00	0.075	0.075	CUM
4	Providing and applying primer coat with bitumen emulsion of slow setting grade on prepared surface of granular base including clearing of road surface and applying primer at the rate of 0.60 km/sqm using mechanical means as per MORTH & H Spen. no. 502	1	1.00	1.00	-	1.00	CUM
5	Providing and applying tack coat with bitumen VG-10 grade using bitumen pressure distributor at the rate of 0.35 km per sqm on the prepared bituminous/granular surface cleaned with mechanical broom as per MORTH & H Spen. no. 503	1	1.00	1.00	-	1.00	sqm
6	Providing and laying 50mm thick bituminous macadam with 100-120 TPH hot mix plant producing an average output 75 tonnes per hour using crushed aggregates of Haldwani approved quarry of specified grading premixed with bituminous binder grade 60/70 or VG-30 @ 3.40% of wt. of mix as per approved JMF, transported to site, laid over a previously prepared surface with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory roller to achieve the desired compaction as per clauses 501.6 and 501.7 complete in all respect as per MORT & H Spech No. 504	1	1.00	1.00	0.05	0.05	sqm
7	Providing and applying tack coat with bitumen VG-10 grade using bitumen pressure distributor at the rate of 0.35 Kg. per sqm on the prepared bitumenous/granular surface cleaned with mechanical broom as per MORT&H Spech No. 503	1	1.00	1.00	-	1.00	CUM
8	Providing and laying 25mm thick semi dense bituminous concrete with 100-120 TPH producing an average output 75 tonnes per hour using crushed aggregates of Haldwani approved quarry of specified grading premixed with bituminous binder CRMB-55 @4.50% of mix and filler as per approved JMF, transporting the hot mix to the work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 508 complete in all respects.	1	1.00	1.00	0.025	0.025	Cum

[Signature]
A.P.E.

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P.E.

	Item of work	Qty.	Unit	Rate	Amount (Rs)
1	Construction of granular sub base by providing coarse graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at GMC, and compacting with vibratory roller to achieve the desired density complete as per clause 401 G-1	0.10	CUM	2466.00	246.60
2	Providing laying spreading and compacting stone aggregates of specific sizes to water bound macadam G-2 specification including spreading in uniform thickness hand packing rolling with 3 wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up to interstices of coarse aggregate, watering and compacting to the required density. MORTH 404.	0.075	CUM	2925.00	219.35
3	Providing laying spreading and compacting stone aggregates of specific sizes to water bound macadam G-3 specification including spreading in uniform thickness hand packing rolling with 3 wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density. MORTH 404.	0.075	CUM	3000.00	225.00
4	Providing and applying primer coat with bitumen emulsion of slow setting grade on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 km/sqm using mechanical means as per MORTH & H Specn. no. 502	1.00	sqm	34.88	34.88
5	Providing and applying tack coat with bitumen VG-10 grade using bitumen pressure distributor at the rate of 0.35 Kg. per sqm on the prepared bituminous/granular surface cleaned with mechanical broom as per MORTH & H Specn. No. 503	1.00	sqm	26.21	26.21
6	Providing laying 50mm thickness bituminous macadam with 100-120 TPH hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of Haldwani approved quarry of specified grading, premixed with bituminous binder grade VG-30@3.40 of wt. of mix as per approved JMF, transporting to site, laid over a previously prepared surface with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory rollers to achieve the desired compaction as per clauses 501.6 and 501.7 complete in all respects as per MORTH & H specn. no. 504.	0.050	CUM	9089.00	454.45
7	Providing and applying tack coat with bitumen VG-10 grade using bitumen pressure distributor at the rate of 0.30 km per sqm on the prepared bituminous/granular surface cleaned with mechanical broom as per MORTH & H Specn. no. 503	1.00	sqm	24.25	24.25
8	Providing laying 25mm thickness semi dense bituminous concrete with bath type HMP of 100-120 TPH producing an average output of 75 tonnes per hour using crushed aggregates of Haldwani approved quarry of specified grading, premixed with bituminous binder CRMB-55 @ 4.50 per cent of mix and filler as per approved JMF, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause no. 508 complete in all respects.	0.025	CUM	11158.39	278.95
	Total				1509.73
	Say				1510.00

GA
P.E.

Agarwal
P.E.



फोन व फैक्स - 0120-2827191

कार्यालय

ई-मेल - selBupin@yahoo.co.in

अधीक्षण अभियंता,

फैड-01500201517

अष्टदश मण्डल, उ0प्र0 जल निगम,

सेक्टर-1, बक गाजियाबाद रेलवे स्टेशन के सामने, राजनगर,

गाजियाबाद - 201 002.

पत्रांक 928 / विधि-13 / 52 दिनांक 13-5-2015

मुख्य अभियंता(गा0क्षेत्र),
उ0प्र0 जल निगम,
गाजियाबाद।

विषय:- वित्तीय वर्ष 2015-16 में प्राक्कलन विवरण एवं सामग्री एवं श्रमिकों की दरों के सम्बन्ध में।
महोदय,

उपरोक्त विषयक कृपया अपने ज्ञाप सं0 1178/का0ज्ञाप, दिनांक 01.05.2015 का संदर्भ करें। इन कार्यालय के पत्रांक 835/विधि-13/40 दिनांक 05.05.2015 के क्रम में प्राक्कलन विवरण एवं सामग्री एवं श्रमिकों की दरों के लिए दिनांक 11.05.2015 को मण्डल कार्यालय में समिति की बैठक हुई थी। तापेति द्वारा अष्ट मण्डल एवं सहारनपुर मण्डल हेतु अनुमोदित दरें संलग्न कर सूचनार्थ एवं अग्रेत्तर कार्यवाही हेतु प्रेषित की जा रही है।

संलग्नक: उपरोक्तानुसार।

भवदीय

(ए0के0 श्रीवास्तव)
अधीक्षण अभियंता

प0सं0 एवं दिनांक: यद्योपरि।

- प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
1. अधीक्षण अभियंता, प्रथम मण्डल/अस्थायी निर्माण मण्डल/यांत्रिक मण्डल, उ0प्र0 जल निगम, नेरठ/गाजियाबाद।
 2. महाप्रबन्धक, यमुना प्रदूषण नियंत्रण इकाई/निर्माण इकाई, उ0 प्र0 जल निगम, गाजियाबाद/सहारनपुर।
 3. मण्डलान्तर्गत समस्त अधिशासी अभियंता/परियोजना प्रबन्धक।
 4. अधिशासी कर्मिका, प्रथम मण्डल, उ0प्र0 जल निगम, गाजियाबाद।

संलग्नक

अधीक्षण अभियंता
उ.प्र.

आमंत्रण
अधीक्षण अभियंता

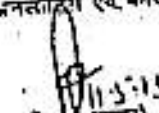
सूची-1

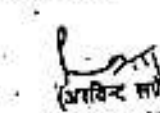
अधोसूचन अभियंता अष्टदश मण्डल, 3040 जल निगम, गाजियाबाद।
 दिनांक

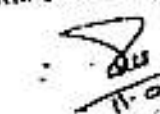
अनुरोध हेतु वित्तीय वर्ष 2015-16 में प्राकृतिक विद्युत एवं निर्माण कार्य हेतु भूमिकों की स्वीकृत दरें प्रस्तावित दरें 2015-16

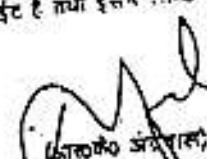
क्र.सं.	विवरण	प्राकृतिक विद्युत	निर्माण कार्य
1	विद्युत		425.00
2	वोल्ट, बटन, डिस्क	465.00	380.00
3	इन्ड पम्प वोल्टेज, कृष घाताने वाला	420.00	300.00
4	इन्डपम्प मोटर	330.00	275.00
5	जुनियर फिल्टर इलेक्ट्रीशियन (ग्रेड-1), इन्ड पम्प चिस्त्री, जुमान तथा सहायक डिस्क, पम्प अटैचमेंट/पम्प अपार्टर (ग्रेड-1) तकदी करने वाला तथा विस्ती (नकल सहित)	300.00	275.00
6	पेन्टर	375.00	340.00
7	लीड, ड्रल चालक, फिल्टर, कंक्रीट मिक्कर, ड्राइंग, लीड, लकड़ों का घाताने, पम्प/जेनरेटर/डीजल इंजन अपार्टर, पम्प/जेनरेटर सेट तथा इलेक्ट्रीशियन ग्रेड-1	420.00	380.00
8	पेन्टर, इन्ड, इन्ड, माली, चौकीदार, रंग तथा इन्ड	280.00	255.00
9	इन्ड (इन्ड, चालक, सुडीकेन्ट एवं डीजल सहित) 8 घण्टे के लिए	1925.00	1760.00
10	पेन्टर (इन्ड, चालक, सुडीकेन्ट एवं डीजल सहित) 8 घण्टे के लिए	870.00	790.00
11	पेन्टर (इन्ड, चालक, सुडीकेन्ट एवं डीजल सहित) 10 घण्टे के लिए	280.00	255.00
12	इन्ड कार सामान्य कार्य हेतु	280.00	330.00
13	कम्प्यूटर अपार्टर	365.00	


नोट 1. उपरोक्त दर दिनांक 01.05.2015 से प्रभावी होंगे।
 2. सभी स्वीकृत दरों में समस्त प्रकार के टैक्स/कर आदि सम्मिलित हैं तथा दरें एच0आर0आर0 साईट हैं तथा इन्हें लोडिंग अनलोडिंग एवं कार्टेज आदि सम्मिलित हैं।



 (विनायक कुमार)
 सहायक अभियंता
 अधीन अभि/सदस्य
 प्रथम मण्डल, ईस्ट
 गाजियाबाद।

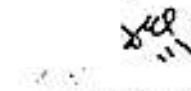

 (अश्विनी शर्मा)
 सहायक अभियंता/सदस्य
 अधीन अभि/सदस्य
 प्रथम मण्डल, गाजियाबाद।


 11-05-15
 (सीता शर्मा)
 सहायक अभियंता/सदस्य
 निर्माण इकाई, सहारनपुर।


 11-05-15
 (आर0वी0 सक्सेना)
 अधीन अभि/सदस्य
 अष्टदश मण्डल, गाजियाबाद।


 (सीताराम शर्मा)
 अधीन अभि/सदस्य
 प्रथम मण्डल, ईस्ट


 11/5/2015
 (आर0वी0 सक्सेना)
 अधीन अभि/सदस्य
 आर0वी0 अभि/सदस्य
 ईस्ट।


 11/5
 (आर0वी0 शर्मा)
 अधीन अभि/सदस्य
 अष्टदश मण्डल, गाजियाबाद।

नगरपालिका अधीक्षण अभियंता, अष्टदश मण्डल, उ०प्र० जल निगम, गाजियाबाद।

दिनांक

नगरपालिकाको जनपदको हेतु वित्तीय वर्ष २०१५-१६ नं. प्राकृतिक विवरण एवं निर्माण कार्य हेतु बजेटको को स्वीकृत दर

क्र.सं.	विवरण	प्रति इकाई	दस्तावेज दर २०१५-१६	
			नगरपालिकाको जनपदको हेतु (२०१५-१६) प्राकृतिक विवरण हेतु	नगरपालिकाको जनपदको हेतु (२०१५-१६) निर्माण कार्य हेतु
1	उपरोक्त बजेटको को इटे (एम-१५०)	प्रति इकाई	३४००.००	३८००.००
2	उपरोक्त बजेटको को इटे (एम-१००)	प्रति इकाई	४७००.००	४३००.००
	(क) सोला बटारा (एम०ओ०बी०)	प्रति इकाई	४९००.००	४४७५.००
3	४० मिमी नजको प्रथम श्रेणी/ओवर बस्ट इटेको कोडा	प्रति घन मीटर	१०००.००	९१०.००
3	प्रथमको कोडा			
	(क) १२-२० मिमी नजको कोडा	प्रति घन मीटर	२४६५.००	२२४०.००
	(ख) २५ मि ४० मिमी नजको कोडा	प्रति घन मीटर	२२६०.००	२०३५.००
4	सिमेन्ट			
	(क) १०००० सिमेन्ट	प्रति घन मीटर	३९५.००	३६०.००
	(ख) १०००० सिमेन्ट (F.M - १.२५)	प्रति घन मीटर	१०७०.००	९७०.००
	(क) १०००० सिमेन्ट (F.M - २.२)	प्रति घन मीटर	२३३०.००	२१२०.००
5	सुरक्षाको कोडा			
	(क) १००००० भार ८ मिमी व्यास	प्रति मीटर टन	६५५०.००	६०५०.००
	(ख) १००००० भार १०-१६ मिमी व्यास	प्रति मीटर टन	६१२०.००	५८२०.००
	(क) १००००० भार २०-२५ मिमी व्यास	प्रति मीटर टन	६३९०.००	५९००.००
	(ख) १००००० भार	प्रति मीटर टन	६६५०.००	६०५०.००
	(क) १००००० भार, आयरन जस्टिड, जस्टिड रोलर एवं टी आदि	प्रति मीटर टन	६६५०.००	६०९०.००
6	सिमेन्ट	प्रति मीटर	४२०.००	३६०.००
7	सामानको कोडा			
	(क) ५ एम०एम सिल	प्रति वर्ग मीटर	४९०.००	४५०.००
	(ख) ४ एम०एम सिल	प्रति वर्ग मीटर	४४०.००	४००.००
	(क) ३ एम०एम सिल	प्रति वर्ग मीटर	३६५.००	३३०.००
8	सामानको कोडा			
	(क) ५ एम०एम सिल २.२ संमीको बाइड	प्रति सक्वाट मीटर	१४.००	१३.००
	(ख) ५ एम०एम सिल ३.५ संमीको बाइड	प्रति सक्वाट मीटर	१५.००	१४.००
	(क) ३ एम०एम सिल ३.३ संमीको बाइड	प्रति सक्वाट मीटर	११.००	१०.००
	(ख) ३ एम०एम सिल ३.५ संमीको बाइड	प्रति सक्वाट मीटर	१२.००	११.००
9	सामानको कोडा			
	(क) साइडको कोडा कालिग (Unlocked)	प्रति सक्वाट मीटर	९३५.००	९००.००
	(ख) साइडको कोडा (सक्वाट)	प्रति सक्वाट मीटर	२४०.००	२२०.००

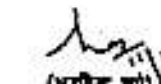
Handwritten mark


2	3	4	5
समस्त विप 3 एमएचआर साईट			
1. बिजुट	प्रति बिजुट	340.00	310.00
2. मलबे / लेक	प्रति बिजुट	300.00	275.00
3. लो मडुट	प्रति बिजुट	340.00	310.00
4. मलबत डन्ट (200 मी)	प्रति बिजुट	340.00	315.00
5. विजुटीय अडवत (डबल)	प्रति मी	255.00	250.00
6. आयत (सर्वेदार)	प्रति मी	110.00	100.00
11. बिजुट			
11.1. ईन्जल पेट्टा			
1. कुडिगार क्वीलिटी	10 लीटर	2925.00	2940.00
2. क्वीलिटी	10 लीटर	2400.00	2190.00
3. क्वीलिटी	10 लीटर	1995.00	1815.00
11.2. क्वीलिटी			
1. क्वीलिटी	प्रति मी	340.00	225.00
2. क्वीलिटी	प्रति मी	340.00	220.00
3. एडवत पेट्टा (कुडिगार क्वीलिटी)	प्रति मी	385.00	350.00
4. एडवत पेट्टा (कुडिगार क्वीलिटी)	प्रति मी	345.00	315.00
5. क्वीलिटी क्वीलिटी पेट्टा (लोडिंग, ड्रयुवरींग)	प्रति क्वीलिटी	87.00	85.00
12. बिजुट			
1. 100मी डबल क्वीलिटी 10 मीटर आयत 1.30 मी	प्रति क्वीलिटी	178.00	160.00
2. 100मी डबल क्वीलिटी 10 मीटर आयत	प्रति क्वीलिटी	77.00	70.00
3. 100मी डबल क्वीलिटी 10 मीटर आयत	प्रति मी	87.00	85.00
4. क्वीलिटी क्वीलिटी	प्रति क्वीलिटी	130.00	120.00
13. बिजुट			
1. क्वीलिटी	प्रति क्वीलिटी	110.00	87.00
14. बिजुट			
1. क्वीलिटी	प्रति क्वीलिटी	800.00	725.00
15. बिजुट			
1. क्वीलिटी	प्रति क्वीलिटी	7880.00	7260.00
16. बिजुट			
1. क्वीलिटी	प्रति क्वीलिटी	5860.00	5080.00
17. बिजुट			
1. क्वीलिटी	प्रति क्वीलिटी	230.00	210.00
18. बिजुट			
1. क्वीलिटी (एच-30)-80 एमएचआर बिजुट	प्रति क्वीलिटी	525.00	485.00
2. क्वीलिटी (एच-30)-80 एमएचआर बिजुट	प्रति क्वीलिटी	485.00	425.00

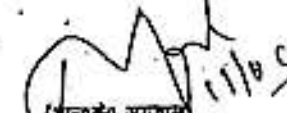
नोट 1: उपरोक्त दरें दिनांक 01.05.2015 से प्रभावी होंगी।


2: सभी स्वीकृत दरों में समस्त प्रकार के टैक्स/चार्ज आदि सम्मिलित हैं तथा इन एमएचआर साईट हैं तथा इनमें लोडिंग, अनलोडिंग एवं स्पार्टिंग आदि सम्मिलित हैं।



 (विप) कुमारी
 सदस्य सचिव
 अधीकृति, एमएचआर,
 पाजिगाबाद।

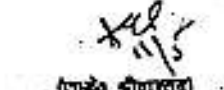

 (अर्थिक सचिव)
 महाप्रबन्धक/सदस्य
 एमएचआर, पाजिगाबाद।


 11-05-15
 (सिमा सचिव)
 महाप्रबन्धक/सदस्य
 निर्माण इकाई, सहानपुर।


 11/5/15
 (अधीकृति अग्रवाल)
 अधीकृति/सदस्य
 वि/सं अग्रवाल, पाजिगाबाद।


 (अधीकृति कुमारी)
 अधीकृति/सदस्य, प्रथम
 मजदूर, कट


 11/5/2015
 (अधीकृति सक्सेना)
 अधीकृति/सदस्य
 अलाई क्वीलिटी, मेट।


 11/5
 (विप) श्रीवास्तव
 अधीकृति/अग्रवाल
 अग्रवाल क्वीलिटी, पाजिगाबाद

सूची-1

अधीक्षण अभियन्ता अहमदनगर मण्डल उ०प्र० जल निगम गाजियाबाद।

दिनांक

दिनांक

अधीक्षण मण्डल के जनपदों हेतु वित्तीय वर्ष 2015-16 में प्राक्कलन विवरण एवं निर्माण कार्य हेतु श्रमिकों

क्र.सं.	विवरण	प्रस्तावित दरें 2015-16	
		प्रस्तावित विवरण	निर्माण कार्य
1	मिस्त्री	440.00	400.00
2	पेसान बर्दई द्विस्त	385.00	350.00
3	हैण्ड पम्प मैकेनिक, कृप गताने वाला	310.00	275.00
4	हैण्डपम्प बोस	285.00	260.00
5	जुनेवर फिटर, इलेक्ट्रीशियन (ग्रेड-1), हैण्ड पम्प पम्पिंग, तुहार तथा सहायक द्विस्त, पम्प अटैच्मेन्ट/पम्प अपरेटर (ग्रेड-1) सजेटी करने वाला तथा भित्ती (पत्रक सहित)	285.00	260.00
6	पेन्टर	340.00	310.00
7	पेन्ट/दूक घालक, फिटर, कंकीट निवार, ड्राइंग, सीवर सफाई, पम्प/जेनरेटर/डीजल इंजन अपरेटर, वर्क एजेंट, वेद, इलेक्ट्रीशियन ग्रेड-1	385.00	350.00
8	पेसदार, वजदूर, हेल्पर, मास्ती, घोडीदार, रबर तथा हेल्पर पैन	250.00	230.00
9	ट्रेक्टर (प्राची, घातक, तुमीकोन्ट एच डीजल सजेत) 8 घण्टे के लिए	1760.00	1600.00
10	पेसा बुग्गी (10 क्वीटल हेतु)	770.00	715.00
11	स्वच्छ कार सामान्य कार्य हेतु	250.00	230.00
12	कम्प्यूटर अपरेटर	385.00	330.00

नोट 1. उपरोक्त दरें दिनांक 01.05.2015 से प्रभावी होगी।

2. सभी स्वीकृत दरों में समस्त प्रकार के टैक्स/कर आदि सम्मिलित हैं तथा दरें एफ०ओ०आर० साईट हैं तथा इस्तेमाल लाइंग, अनलोडिंग एवं कार्टेज आदि सम्मिलित हैं।

11-05-15
(विनायक कुमार)
सहायक सचिव
अधीक्षण, उ०प्र० जल निगम,
गाजियाबाद।

(अरविन्द सोनी)
महाप्रबन्धक/सदस्य
उ०प्र० जल निगम, गाजियाबाद।

11-05-15
(सीमा राय)
महाप्रबन्धक/सदस्य
निर्माण इकाई, सहायकपुर।

11/05
(आर०के० अग्रवाल)
अधीक्षण/सदस्य
वि/घी मण्डल, गाजियाबाद।

अधीक्षण/सचिव
उ०प्र० जल निगम,
गाजियाबाद।

11/05/2015
(अधीक्षण/सचिव)
उ०प्र० जल निगम/सचिव
अधीक्षण, मण्डल।

अधीक्षण/सचिव
उ०प्र० जल निगम,
गाजियाबाद।

कार्यालय अधीक्षण अभियंता, अष्टदश मण्डल, उ०प्र० जल निगम, गजियाबाद।

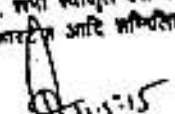
दिनांक
 पत्रांक
 मण्डल के जल पट्टों हेतु वित्तीय वर्ष 2015-16 में प्राकृतिक विद्युत एवं निर्माण कार्य हेतु श्रमिकों की स्वीकृत दरें

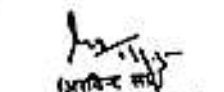
क्र.सं.	विवरण	इकाई	मासगीर की दर (2014-15) प्राकृतिक विद्युत हेतु	मासगीर की दर (2014-15) निर्माण कार्य हेतु
1	2	3	4	5
1	विक्रय			
(a)	घरान बेली की ईट (एन-150)	प्रति इकाई	5500.00	5000.00
(b)	घरान बेली की ईट (एन-100)	प्रति इकाई	4000.00	3400.00
(c)	सिंगल बटन (एन०370/बी०)	प्रति इकाई	4200.00	3600.00
2	10-पिन्को-मैत्र की घरान बेली/ओपन बट्टे हेतु की दरें	प्रति घन मीटर	800.00	800.00
3	प्लम्बिंग की मंजीकरण शिफ्ट			
(a)	12 से 20 पिन्को गैज तक	प्रति घन मीटर	2200.00	2000.00
(b)	25 से 40 पिन्को गैज तक	प्रति घन मीटर	2100.00	1890.00
4	टिपिंग			
(a)	संकेतक सिंक	प्रति घन मीटर	370.00	315.00
(b)	अर्द्ध सिंक (F.M = 1.25)	प्रति घन मीटर	945.00	840.00
(c)	पूर्ण सिंक (F.M = 2.2)	प्रति घन मीटर	2100.00	1900.00
5	एकलकालीन कार्य			
(a)	एकलकालीन कार 2 पिन्को व्यास	प्रति मीटर दूरी	80500.00	75000.00
(b)	एकलकालीन कार 10-18 पिन्को व्यास	प्रति मीटर दूरी	52290.00	52600.00
(c)	एकलकालीन कार 20-25 पिन्को व्यास	प्रति मीटर दूरी	58080.00	55000.00
(d)	एकलकालीन कार	प्रति मीटर दूरी	60500.00	55000.00
(e)	एकलकालीन एलिवेटर, आचरन फल्टर, जेड सेलान एवं टी आदि	प्रति मीटर दूरी	80500.00	55000.00
6	सिमेंट	प्रति बैग	400.00	345.00
7	प्लास्टर आकारण			
(a)	5 एचएचड टिक	प्रति वर्ग मीटर	470.00	420.00
(b)	4 एचएचड टिक	प्रति वर्ग मीटर	420.00	375.00
(c)	3 एचएचड टिक	प्रति वर्ग मीटर	345.00	300.00
8	प्लास्टर पट्टी			
(a)	5 एचएचड टिक 2.2 सेमी० गाइड	प्रति वर्ग मीटर	13.00	12.00
(b)	5 एचएचड टिक 3.5 सेमी० गाइड	प्रति वर्ग मीटर	14.00	13.00
(c)	3 एचएचड टिक 2.2 सेमी० गाइड	प्रति वर्ग मीटर	10.00	9.00
(d)	3 एचएचड टिक 3.5 सेमी० गाइड	प्रति वर्ग मीटर	11.00	10.00
9	लकड़ें			
(a)	लाइन व्हेल गाइड शीटिंग (Unslacked)	प्रति मीटर	890.00	840.00
(b)	कील गाइड (लकड़ी)	प्रति मीटर	230.00	210.00


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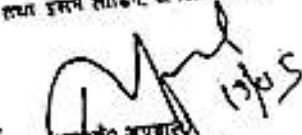
1	2	3	4	5
10	कारकत विप 2 एम्पलसो कार्ड			190.00
	(a) कार्ड	प्रति विपटल	325.00	260.00
	(b) कलंडर / पत्र	प्रति विपटल	290.00	290.00
	(c) स्त्री कार्ड	प्रति विपटल	325.00	300.00
	(d) कारकत डस्ट : (200 पैस)	प्रति विपटल	320.00	220.00
	(e) सिनसोड आपल (डवत)	प्रति स्त्री	240.00	95.00
	(f) आपल (टर्न-टाइम)	प्रति स्त्री	105.00	
11	वेन्डर		2790.00	2540.00
	(a) इन्वस वेन्डर	10 स्त्री	2290.00	2040.00
	... कर्तव्य जवाबिदी	10 स्त्री	1900.00	1730.00
	... कर्तव्य जवाबिदी	10 स्त्री		
12	कारकत जवाबिदी		230.00	210.00
	(a) वेन्डर कार्ड	प्रति स्त्री	230.00	210.00
	1. फोर बुड	प्रति स्त्री	230.00	335.00
	2. फोर वेन्डर	प्रति स्त्री	170.00	300.00
	(c) 1. एम्पल वेन्डर (मुपीरियर जवाबिदी)	प्रति स्त्री	330.00	80.00
	2. एम्पल वेन्डर (मिडियम जवाबिदी)	प्रति स्त्री	92.00	
	(d) गटर बुड तिमेट वेन्ड (स्त्रीक कर्तव्य)	प्रति किरण		150.00
12	कार्ड		170.00	
	(a) एम्पल वेन्डर कार्ड 10 स्त्रीक अन्तरिम कार्ड 1.80 पैस	प्रति कार्ड		88.00
	भी सम्बाई पै	प्रति कार्ड	73.00	80.00
	(b) एम्पल वेन्डर कार्ड 10 स्त्रीक कार्ड	प्रति कार्ड	82.00	118.00
	(c) एम्पल वेन्डर कार्ड केब एम्पल बुड स्त्री 10 स्त्रीक कार्ड	प्रति कार्ड	123.00	82.00
	(d) गटर बुड तिमेट कार्ड	प्रति कार्ड	104.00	490.00
13	कारकत		760.00	68000.00
	(a) कारकत	प्रति विपटल	72600.00	48000.00
14	कारकत बुड	प्रति घन मीटर	50600.00	200.00
15	कारकत बुड	प्रति घन मीटर	220.00	480.00
16	कारकत बुड	प्रति घन मीटर	310.00	405.00
17	कारकत	प्रति घन मीटर	441.00	
18	(a) कारकत कार्डिंग टाइम (एम्-20) - 80 एम्पलसो विप			
	(b) कारकत कार्डिंग टाइम (एम्-20) - 80 एम्पलसो विप			


नोट 1. उपरोक्त दर दिनांक 01.01.2015 से प्रवर्ती होंगी।
 2. सभी स्वीकृत दरों में सस्ता प्रकार की टैक्स/कर आदि सम्मिलित है तथा इसे एम्पलसो कार्डिंग एवं कारकत आदि सम्मिलित है।


 (विपटल मुद्रण)
 सदस्य सचिव
 अर्जिअरिओ, एम्पलसो कार्ड
 गाजियाबाद।

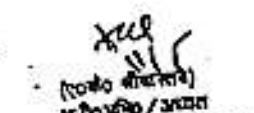

 (अतिरिक्त सचिव)
 महाप्रबन्धक / सदस्य
 एम्पलसो कार्ड, गाजियाबाद।


 (सीता राम)
 महाप्रबन्धक / सदस्य
 निर्माण इकाई, महारनपुर।


 (सचिव अग्रसार)
 अर्जिअरिओ / सदस्य
 पि / पी, मकदल, गाजियाबाद।


 (अतिरिक्त सचिव)
 अर्जिअरिओ / सदस्य, प्रथम
 मकदल, मकदल


 (अतिरिक्त सचिव)
 अर्जिअरिओ / सदस्य
 अत्याई पिपड, मकदल।


 (सचिव अग्रसार)
 अर्जिअरिओ / अग्रसार
 अग्रसार मकदल, गाजियाबाद

SCHEDULE OF RATES FOR YEAR 2015-16 (FOR PROJECT PREPARATION ONLY)

DISTRICT:- GHAZIABAD/MEERUT/BULAND SHAHR/ GAUTAM BUDH NAGAR/ BAGHPAT/ HAPUR

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
	(A) BUILDING WORKS:-	147.77	CUM.
1001	EXCAVATION 0-1.5M. DEEP IN ORDINARY SOIL.		
1002	EXCAVATION 0-1.5M. DEEP IN SOIL MIXED WITH MOORUM, SHINGLE, KANKAR.	172.66	CUM.
1003	BANKING WITH EXCAVATED EARTH.	56.12	CUM
1004	SAND FILLING IN PLINTH.	569.92	CUM
1005	FILLING, DRESSING AND RAMMING EARTH OR SAND OR BAJRI OR BALLAST OR KANKAR OR SHINGLE.	96.85	CUM
1006	EXTRA OVER ITEMS 1001 TO 1005 FOR ADDITIONAL LEAD & LIFT.	25.18	CUM
1007	CONC. 40 MM BRICK BALLAST, WHITE LIME & SAND MORTAR (1:2) IN FOUNDATIONS AND FLOORS.	3919.80	CUM
1008	CONC. 40 MM BRICK BALLAST, WHITE LIME & SURKHI IN FOUNDATIONS AND FLOORS(100:16:32).	4065.46	CUM
1009	CONC. 40 MM BRICK BALLAST, LOCAL SAND AND CEMENT (12:6:1) IN FOUNDATIONS AND FLOORS.	3483.89	CUM
1010	SAME AS ITEM 1009 BUT FOR 10:5:1.	3693.04	CUM
1011	SAME AS ITEM 1009 BUT FOR 8:4:1.	4038.54	CUM
1012	CONC.40 MM BRICK BALLAST, WHITE LIME AND SAND MORTAR (1:2) IN HAUNCH FILLING.	4530.93	CUM
1013	CONC.40 MM BRICK BALLAST & KANKAR LIME IN ROOF TERRACING.	5874.25	CUM
1014	CONC. 25 MM BRICK BALLAST, WHITE LIME AND SURKHI (100:16:38) IN ROOF TERRACING.	5139.50	CUM
1015	C.C. 40 MM STONE BALLAST, COARSE SAND AND CEMENT 4:2:1.	6323.27	CUM
1016	SAME AS ITEM 1015 BUT FOR 6:3:1.	7378.10	CUM
1017	SAME AS ITEM 1015 BUT FOR 8:4:1.	7006.67	CUM
1018	R.C.C. DOOR SILLS, CHAUKHATS ETC. WITH CEMENT, COARSE SAND AND 20 MM STONE BALLAST 1:2:4.	9870.33	CUM
1019	R.C.C. WITH CEMENT, COARSE SAND AND 20 MM STONE BALLAST 1:2:4 IN LINTELS OF DOORS AND WINDOWS.	9961.95	CUM
1020	SAME AS ITEM 1019 BUT FOR SLABS.	10936.49	CUM
1021	SAME AS ITEM 1019 BUT IN LIGHTER BEAMS.	11270.62	CUM
1022	SAME AS ITEM 1019 BUT IN HEAVIER BEAMS.	12837.89	CUM
1023	R.C.C. WITH CEMENT, COARSE SAND AND 40 MM STONE BALLAST 1:2:4 IN RAFT FOUNDATIONS & FOOTING.	9283.81	CUM
1024	R.C.C. WITH CEMENT, COARSE SAND AND 20 MM STONE BALLAST 1:2:4 IN T BEAMS, SLABS, COLUMNS.	11879.60	CUM
1025	SAME AS ITEM 1024 BUT IN R.C.C. COLUMN 1:1.5:3.	12904.90	CUM
1026	SAME AS ITEMS 1018 TO 1024 BUT WITH SHINGLES (DEDUCT FROM ITEMS 1018 TO 1024).	201.27	CUM
1027	1ST CLASS BRICK-WORK IN KANKAR-LIME IN FOUNDATION & PLINTH.	6673.80	CUM
1028	1ST CLASS BRICK-WORK IN WHITE-LIME & SURKHI 1:2. IN FOUNDATION & PLINTH.	6287.54	CUM
1029	1ST CLASS BRICK-WORK IN 1:6 CEMENT & LOCAL-SAND MORTAR IN FOUNDATION & PLINTH.	5480.31	CUM
1030	SAME AS ITEM 1029 BUT IN 1:5 CEMENT & LOCAL-SAND MORTAR.	5546.14	CUM
1031	SAME AS ITEM 1029 BUT IN 1:4 CEMENT & LOCAL-SAND MORTAR.	5692.03	CUM
1032	SAME AS ITEM 1029 BUT IN 1:3 CEMENT & LOCAL-SAND MORTAR.	5910.76	CUM
1033	SAME AS ITEM 1029 BUT IN 1:3 CEMENT & COARSE-SAND MORTAR.	6431.76	CUM
1034	1ST CLASS BRICK-WORK IN MUD-MORTAR IN FOUNDATION & PLINTH.	4799.23	CUM
1035	SAME AS ITEMS 1027 TO 1034 BUT IN SUPERSTRUCTURE 1.5 BRICK THICK WALL (EXTRA ON ITEMS 1027 TO 1034).	296.16	CUM
1036	SAME AS ITEMS 1027 TO 1034 BUT FOR ONE-BRICK THICK WALL (EXTRA ON ITEM 1035).	296.16	CUM
1037	SAME AS ITEMS 1027 TO 1034 BUT FOR HALF-BRICK THICK WALL (EXTRA ON ITEM 1036).	296.16	CUM
1038	FOR II CLASS BRICK-WORK (DEDUCT FROM ITEMS 1027 TO 1036).	958.00	CUM

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
1039	FOR III CLASS BRICK-WORK (DEDUCT FROM ITEMS 1034 TO 1036).	1070.71	CUM
1040	SUNDRIED BRICK-WORK IN MUD-MORTAR IN FOUNDATION & PLINTH.	3644.88	CUM
1041	1ST CLASS BRICK-WORK IN ARCHES (EXTRA ON ITEMS 1027 TO 1036).	707.90	CUM
1042	SAME AS ITEM 1041 BUT IN JACK-ARCHES (EXTRA ON ITEMS 1027 TO 1033).	775.24	CUM
1043	SAME AS ITEM 1041 BUT IN WELL-STEINING WITH ORDINARY BRICKS (EXTRA ON ITEMS 1027 TO 1033).	928.28	CUM
1044	SAME AS ITEM 1043 BUT WITH SPECIALLY MOULDED BRICKS (EXTRA ON ITEM 1043).	561.13	CUM
1045	11.5 CM STRING OR DRIP-COURSE OF 1ST CLASS-BRICK IN KANKAR-LIME.	448.14	RM
1046	SAME AS ITEM 1045 BUT IN 1:6 CEMENT & LOCAL SAND.	343.34	RM
1047	SAME AS ITEM 1045 BUT IN 23 CM CORNICE IN KANKAR-LIME WITH LIME-PLASTER.	333.70	RM
1048	SAME AS ITEM 1047 BUT IN 1:6 CEMENT & LOCAL-SAND WITH PLASTERING 1:8.	274.03	RM
1049	EXTRA FOR CUTTING OF BRICK FOR MOULDING.	100.55	RM
1050	MAKING OPENING THROUGH WALLS IN LIME OR CEMENT MORTAR.	2031.51	CUM
1051	R.B. WORK IN SUN-SHADE WITH 1ST CLASS BRICK, CEMENT & COARSE-SAND MORTAR 1:3.	8827.20	CUM
1052	SAME AS ITEM 1051 BUT IN LINTELS.	7986.86	CUM
1053	ENCASING ROLLED STEEL SECTIONS IN 1:3 BRICK WORK IN CEMENT & COARSE-SAND.	1345.13	RM
1054	20 MM THICK D.P.C. WITH CEMENT & COARSE-SAND 1:2.	330.39	SQM
1055	SAME AS ITEM 1054 BUT 25 MM THICK C.C. WITH CEMENT, COARSE-SAND & 12 MM STONE GRIT 1:1.5:3.	396.14	SQM
1056	SUPPLY & FIX FINE-DRESSED STONE IN DOOR-SILLS WITH CEMENT & LOCAL-SAND 1:6.	28806.11	CUM
1057	SUPPLY & FIX 40 MM THICK STONE-SLAB IN STEPS & SHELVES WITH CEMENT & LOCAL-SAND 1:6.	1010.32	SQM
1058	SUPPLY & FIX 40 MM THICK STONE CHAJJAS WITH CEMENT & LOCAL-SAND 1:6.	1010.32	SQM
1059	SUPPLY & FIX UPTO 40 MM THICK STONE SUN-SHADE OVER DOORS & WINDOWS WITH CEMENT & LOCAL-SAND 1:6.	900.08	SQM
1060	SUPPLY & FIX 50 MM TO 80 MM THICK STONE WITH CEMENT & COARSE-SAND 1:3.	5060.38	SQM
1061	C.P. TEAK-WOOD WROUGHT, FRAMED & FIXED IN CHAUKHATS.	157144.65	CUM
1062	SAME AS ITEM 1061 BUT WITH SHEESHAM-WOOD.	118475.81	CUM
1063	SAME AS ITEM 1061 BUT WITH INDIAN-SAL-WOOD.	86251.92	CUM
1064	SAME AS ITEM 1061 BUT WITH DEODAR-WOOD.	139741.05	CUM
1065	SAME AS ITEM 1061 BUT WITH KAIL-WOOD.	70619.36	CUM
1066	SAME AS ITEM 1061 BUT WITH COUNTRY-WOOD.	62818.26	CUM
1067	SAME AS ITEM 1061 TO 1066 BUT FOR CURVED WORK (EXTRA ON ITEMS 1061 TO 1066).		25%
1068	WOOD-WORK WROUGHT, FRAMED & FIX IN ROOF-TRUSSES PURLINS, CEILINGS, JOINTS (DEDUCT FROM ITEMS 1061 TO 1066).	206.47	CUM
1069	SUPPLY & FIX 40 MM THICK C.P. TEAK WOOD PART PANNELLED & PART GLAZED IN DOOR & WINDOW SHUTTERS.	5664.46	SQM
1070	ADDITIONAL COST FOR FIXING GLASS-PANES WITH C.P. TEAK-WOOD.	573.80	SQM
1071	SAME AS ITEM 1069 BUT FOR C.P. TEAK WOOD FULLY PANNELLED (40 MM THICK).	7344.58	SQM
1072	SAME AS ITEM 1069 BUT FOR C.P. TEAK WOOD FULLY GLAZED (40 MM THICK).	4530.86	SQM
1073	SAME AS ITEM 1069 BUT FOR C.P. TEAK WOOD 35 MM THICK.	5059.89	SQM
1074	SAME AS ITEM 1071 BUT FOR C.P. TEAK WOOD 35 MM THICK.	6740.79	SQM
1075	SAME AS ITEM 1072 BUT FOR C.P. TEAK WOOD 35 MM THICK.	4182.26	SQM
1076	SAME AS ITEM 1069 BUT FOR C.P. TEAK WOOD 25 MM THICK.	4093.38	SQM
1077	SAME AS ITEM 1071 BUT FOR C.P. TEAK WOOD 25 MM THICK.	5109.77	SQM
1078	SAME AS ITEM 1072 BUT FOR C.P. TEAK WOOD 25 MM THICK.	3397.57	SQM

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
1079	SAME AS ITEM 1069 BUT FOR SHEESHAM WOOD 40 MM THICK.	4537.56	SQM
1080	SAME AS ITEM 1071 BUT FOR SHEESHAM WOOD 40 MM THICK.	5735.30	SQM
1081	SAME AS ITEM 1072 BUT FOR SHEESHAM WOOD 40 MM THICK.	3718.26	SQM
1082	SAME AS ITEM 1079 BUT FOR SHEESHAM WOOD 35 MM THICK.	4094.59	SQM
1083	SAME AS ITEM 1080 BUT FOR SHEESHAM WOOD 35 MM THICK.	5292.04	SQM
1084	SAME AS ITEM 1081 BUT FOR SHEESHAM WOOD 35 MM THICK.	3462.44	SQM
1085	SAME AS ITEM 1069 BUT FOR SAL WOOD 40 MM THICK.	3595.46	SQM
1086	SAME AS ITEM 1071 BUT FOR SAL WOOD 40 MM THICK.	4390.50	SQM
1087	SAME AS ITEM 1072 BUT FOR SAL WOOD 40 MM THICK.	3038.32	SQM
1088	SAME AS ITEM 1085 BUT FOR SAL WOOD 35 MM THICK.	3286.72	SQM
1089	SAME AS ITEM 1076 BUT FOR SAL WOOD 35 MM THICK.	4081.78	SQM
1090	SAME AS ITEM 1087 BUT FOR SAL WOOD 35 MM THICK.	2860.03	SQM
1091	SAME AS ITEM 1089 BUT FOR DEODAR WOOD 40 MM THICK.	5159.05	SQM
1092	SAME AS ITEM 1071 BUT FOR DEODAR WOOD 40 MM THICK.	6622.62	SQM
1093	SAME AS ITEM 1072 BUT FOR DEODAR WOOD 40 MM THICK.	4167.11	SQM
1094	SAME AS ITEM 1091 BUT FOR DEODAR WOOD 35 MM THICK.	4627.12	SQM
1095	SAME AS ITEM 1092 BUT FOR DEODAR WOOD 35 MM THICK.	6090.89	SQM
1096	SAME AS ITEM 1093 BUT FOR DEODAR WOOD 35 MM THICK.	3855.52	SQM
1097	SAME AS ITEM 1091 BUT FOR DEODAR WOOD 25 MM THICK.	3775.96	SQM
1098	SAME AS ITEM 1092 BUT FOR DEODAR WOOD 25 MM THICK.	4655.47	SQM
1099	SAME AS ITEM 1093 BUT FOR DEODAR WOOD 25 MM THICK.	3165.61	SQM
1100	SAME AS ITEM 1069 BUT FOR CHIR WOOD 40 MM THICK.	3139.36	SQM
1101	SAME AS ITEM 1071 BUT FOR CHIR WOOD 40 MM THICK.	3739.15	SQM
1102	SAME AS ITEM 1072 BUT FOR CHIR WOOD 40 MM THICK.	2708.81	SQM
1103	SAME AS ITEM 1100 BUT FOR CHIR WOOD 35 MM THICK.	2895.41	SQM
1104	SAME AS ITEM 1101 BUT FOR CHIR WOOD 35 MM THICK.	3495.40	SQM
1105	SAME AS ITEM 1102 BUT FOR CHIR WOOD 35 MM THICK.	2557.77	SQM
1106	SAME AS ITEM 1100 BUT FOR CHIR WOOD 25 MM THICK.	2505.58	SQM
1107	SAME AS ITEM 1101 BUT FOR CHIR WOOD 25 MM THICK.	2837.92	SQM
1108	SAME AS ITEM 1102 BUT FOR CHIR WOOD 25 MM THICK.	2242.77	SQM
1109	SAME AS ITEM 1069 BUT FOR KAIL WOOD 40 MM THICK.	3586.81	SQM
1110	SAME AS ITEM 1071 BUT FOR KAIL WOOD 40 MM THICK.	3735.81	SQM
1111	SAME AS ITEM 1072 BUT FOR KAIL WOOD 40 MM THICK.	2706.39	SQM
1112	SAME AS ITEM 1109 BUT FOR KAIL WOOD 35 MM THICK.	2893.12	SQM
1113	SAME AS ITEM 1110 BUT FOR KAIL WOOD 35 MM THICK.	3492.29	SQM
1114	SAME AS ITEM 1111 BUT FOR KAIL WOOD 35 MM THICK.	2565.88	SQM
1115	SAME AS ITEM 1109 BUT FOR KAIL WOOD 25 MM THICK.	2503.60	SQM
1116	SAME AS ITEM 1110 BUT FOR KAIL WOOD 25 MM THICK.	2553.59	SQM
1117	SAME AS ITEM 1111 BUT FOR KAIL WOOD 25 MM THICK.	2249.87	SQM
1118	SUPPLY OF 1 MM THICK SHEET IRON PANNELLED DOOR & WINDOW SHUTTERS IN 40 MM THICK SALWOOD FRAME.	3336.80	SQM
1119	SUPPLY & FIXING OF 40 MM THICK C.P. TEAK WOOD DOOR & WINDOW SHUTTERS.	5005.12	SQM
1120	SAME AS ITEM 1119 BUT IN SHEESHAM WOOD 40 MM THICK.	3990.50	SQM
1121	SAME AS ITEM 1119 BUT IN SAL WOOD 40 MM THICK.	3144.99	SQM
1122	SAME AS ITEM 1119 BUT IN DEODAR WOOD 40 MM THICK.	4548.47	SQM
1123	SAME AS ITEM 1119 BUT IN CHIR WOOD 40 MM THICK.	2734.81	SQM
1124	SAME AS ITEM 1119 BUT IN KAIL WOOD 40 MM THICK.	2734.81	SQM
1125	SUPPLY OF GALVANIZED IRON WIRE OVER WINDOWS AND C.P. TEAK WOOD BATTENS 50 MM X 12 MM.	1016.15	SQM
1126	SAME AS ITEM 1125 BUT WITH SHEESHAM WOOD BATTENS 50 MM X 12 MM.	912.73	SQM
1127	SAME AS ITEM 1125 BUT WITH DEODAR WOOD BATTENS 50 MM X 12 MM.	972.73	SQM
1128	SAME AS ITEM 1125 BUT WITH SAL WOOD BATTENS 50 MM X 12 MM.	822.18	SQM
1129	SAME AS ITEM 1069 BUT BRACED & BATTENED 40 MM THICK SHEESHAM WOOD DOORS & WINDOWS.	7824.46	SQM
1130	SAME AS ITEM 1129 BUT IN SAL WOOD 40 MM THICK.	5784.01	SQM
1131	SAME AS ITEM 1129 BUT IN COUNTRY WOOD 40 MM THICK.	4288.76	SQM
1132	SAME AS ITEM 1129 BUT IN DEODAR WOOD 40 MM THICK.	9175.29	SQM
1133	SAME AS ITEM 1129 BUT IN KAIL WOOD 40 MM THICK.	4784.44	SQM

CODE	DESCRIPTION	RATE In Rs.	
		3	4
1	2		
1134	SAME AS ITEM 1129 BUT IN CHIR WOOD 40 MM THICK.	4784.44	SQM
1135	SUPPLY OF 40MM THICK C.P. TEAK WOOD DOOR & WINDOW SHUTTERS WITH 9MM THICK PLYWOOD OR PRESSED WOOD PANELS AND FIXING C.P. TEAK WOOD CLĒATS, STOPS, HINGES, LOCK, BOLTS, HANDLERS, SPRINGS & OTHER FITTINGS (EXCLUDING SUPPLY OF FITTINGS).	4737.72	SQM
1136	SAME AS ITEM 1135 BUT IN DEODAR WOOD 40 MM THICK.	4285.68	SQM
1137	SAME AS ITEM 1135 BUT IN SHEESHAM WOOD 40 MM THICK.	3724.80	SQM
1138	SAME AS ITEM 1135 BUT IN SAL WOOD 40 MM THICK.	2874.56	SQM
1139	SAME AS ITEM 1135 BUT IN KAIL WOOD 40 MM THICK.	2457.93	SQM
1140	SAME AS ITEM 1135 BUT IN CHIR WOOD 40 MM THICK.	2462.76	SQM
1141	SAME AS ITEM 1135 BUT IN COUNTRY WOOD 40 MM THICK.	2269.88	SQM
1142	APPROXIMATE COST OF IRON-FITTINGS FOR DOORS & WINDOWS.		LS
1143	APPROXIMATE COST OF OXIDIZED IRON-FITTINGS FOR DOORS & WINDOWS.		LS
1144	APPROXIMATE COST OF BRASS-FITTINGS FOR DOORS & WINDOWS.		LS
1145	APPROXIMATE COST OF OXIDISED BRASS-FITTINGS FOR DOORS & WINDOWS.	0.00	LS
1146	ROLLED STEEL JOISTS LIGHT SECTION 0.0 - 7.5M HIGH.	1197.95	QTL
1147	ROLLED STEEL JOISTS HEAVY SECTION 0.0 - 7.5M HIGH.	2319.15	QTL
1148	EXTRA ON ITEMS 1146 & 1147 FOR MORE THAN 7.5M HEIGHT.	718.24	QTL
1149	MILD STEEL OR IRON WORK OF SMALL SIZE & SECTIONS.	10372.20	QTL
1150	MILD STEEL OR IRON WORK IN HEAVY SIZES.	11089.63	QTL
1151	MILD STEEL OR IRON IN PLAIN WORK.	9533.21	QTL
1152	CUTTING ROLLED STEEL JOISTS UPTO 225MM X 100MM.	198.72	CUT
1153	CUTTING ROLLED STEEL JOISTS ABOVE 225MM X 100MM.	397.44	CUT
1154	CUTTING OF PLATES & ANGLES UPTO 20MM THICK.	86.93	SQM
1155	CUTTING ROUNDS UPTO 15MM DIA.	4.96	CUT
1156	BORING HOLES IN MILD STEEL OR IRON UPTO 10MM DIA. & UPTO 6 MM THICK PLATE.	27.02	HOLE
1157	SAME AS ITEM 1156 BUT HOLES 10 - 20MM DIA. & 6.0 - 13.0 MM THICK PLATE.	42.65	HOLE
1158	PROVIDE & FIX 100MM DIA. C.I. DOWN PIPE.	778.47	RM
1159	FIX BARBED IRON WIRE FENCING TO POSTS.	49.36	RM
1160	SUPPLY & FIX SINGLE ALLAHABAD TILES FOR ROOF WORK.	798.55	SQM
1161	SAME AS ITEM 1160 BUT FOR DOUBLE ALLAHABAD TILES ROOF.	1274.48	SQM
1162	SUPPLY & FIX LARGE COUNTRY TILES ROOFING ON BAMBOO FRAMES.	950.57	SQM
1163	SAME AS ITEM 1162 BUT SMALL SIZE COUNTRY TILES.	1324.18	SQM
1164	LAYING OF R.B. SLAB WITH 1ST CLASS BRICKS LAID IN CEMENT MORTAR WITH APPROVED COARSE SAND (1:3).	10432.59	CUM
1165	SUPPLY & FIX GALVANISED CORRUGATED IRON ROOFING 0.63MM THICK.	1010.15	SQM
1166	SUPPLY & FIX 0.63MM THICK RIDGES, VALLEY & GUTTERS FOR G.C. IRON ROOFING.	1188.38	SQM
1167	SUPPLY & LAY 40MM THICK INSULATION LAYER OF SAND & CLAY OVER ROOF.	39.71	SQM
1168	SUPPLY & LAY 25MM THICK DEODAR WOOD PLANK CEILING.	4469.60	SQM
1169	SAME AS ITEM 1168 BUT FOR C.P. TEAK WOOD.	5062.11	SQM
1170	SAME AS ITEM 1168 BUT FOR KAIL WOOD.	2120.12	SQM
1171	SUPPLY & FIX 6MM THICK A.C. PLANE SHEETS CEILING WITH 25MM X 40MM DEODAR WOOD BEADINGS.	1098.15	SQM
1172	SAME AS ITEM 1171 BUT WITH C.P. TEAK WOOD BEADING.	1129.65	SQM
1173	SAME AS ITEM 1171 BUT OF MASONITE OR CELOTAX WITH DEODAR BEADING.	1260.00	SQM
1174	SAME AS ITEM 1173 BUT WITH C.P. TEAK WOOD BEADING.	1291.49	SQM
1175	STRUCK POINTING WITH KANKAR LIME ON BRICK-WORK.	195.02	SQM
1176	SAME AS ITEM 1175 BUT FOR FLUSH POINTING.	158.98	SQM
1177	RUBBING WITH KANKAR LIME OR WITH WHITE LIME & SURKHI ON BRICK-WORK.	113.51	SQM

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
1178	SAME AS ITEM 1175 BUT WITH CEMENT & LOCAL SAND (1:2) MORTAR.	197.90	SQM
1179	SAME AS ITEM 1178 BUT FLUSH POINTING (DEDUCT FROM ITEM 1178).	27.70	SQM
1180	SAME AS ITEM 1178 & 1179 BUT IN FLOORS (DEDUCT FROM ITEMS 1178 & 1179).	33.58	SQM
1181	RAISED POINTING WITH CEMENT & LOCAL SAND MORTAR (1:2) ON BRICK WORK.	222.98	SQM
1182	STRUCK CEMENT POINTING IN CEMENT MORTAR (1:2) WITH COLOURING MATERIALS.	211.46	SQM
1183	12MM THICK PLASTER WITH KANKAR LIME OVER BRICK-WORK.	193.59	SQM
1184	SAME AS ITEM 1183 BUT WITH CEMENT & LOCAL SAND (1:2) MORTAR.	205.75	SQM
1185	SAME AS ITEM 1183 BUT WITH CEMENT & COARSE SAND (1:2) MORTAR.	245.05	SQM
1186	SAME AS ITEM 1183 BUT WITH CEMENT & LOCAL SAND (1:3) MORTAR.	178.19	SQM
1187	SAME AS ITEM 1183 BUT WITH CEMENT & COARSE-SAND MORTAR (1:3).	212.90	SQM
1188	SAME AS ITEM 1183 BUT WITH CEMENT & LOCAL SAND MORTAR (1:4).	166.06	SQM
1189	SAME AS ITEM 1183 BUT WITH CEMENT AND LOCAL SAND MORTAR (1:5).	159.96	SQM
1190	SAME AS ITEM 1183 BUT WITH CEMENT & LOCAL SAND MORTAR (1:6).	152.02	SQM
1191	EXTRA ON ALL ITEM OF PLASTER IF DONE ON CEILING.	22.66	SQM
1192	SAME AS ITEM 1183 BUT WITH CEMENT, WHITE LIME & LOCAL SAND (1:1:6).	185.62	SQM
1193	MUD-PLASTER OVER BRICK WALL.	67.80	SQM
1194	20 MM THICK STUCCO PLASTER RESEMBLING MARBLE FINISH.	853.32	SQM
1195	20MM THICK PLASTER ON WALLS, STEPS ETC. FINISHED WITH 5MM THICK CEMENT & MARBLE CHIPS (1:2).	859.46	SQM
1196	SAME AS ITEM 1195 BUT FINISHED WITH 5MM THICK WHITE CEMENT & MARBLE CHIPS.	929.41	SQM
1197	SAME AS ITEM 1196 BUT WITH 5MM THICK TOP COAT COLOURED.	1001.35	SQM
1198	20MM THICK PEBBLE-DASH PLASTER.	423.31	SQM
1199	ROUGH CAST FINISH TO PLASTER OF DIFFERENT MORTARS (EXTRA TO PLASTER ITEMS).	88.62	SQM
1200	PLASTER OVER ROUGH FACE OF ONE BRICK WALL (EXTRA TO PLASTER ITEMS).	26.77	SQM
1201	20MM THICK CEMENT PLASTER IN DADO OR SKIRTING.	526.83	SQM
1202	25MM THICK 1:2:4 P.C.C. FLOOR WITH CEMENT, COARSE SAND AND 20MM GAUGE STONE BALLAST WITH BASE CONCRETE (75MM THICK) 1:4:8 CEMENT, LOCAL SAND & BRICK BALLAST 40MM GAUGE.	601.00	SQM
1203	SAME AS ITEM 1202 BUT WITH BASE CONCRETE CONSISTING OF BRICK BALLAST, WHITE LIME & SURKHI 100:16:32.	603.27	SQM
1204	SAME AS ITEM 1202 BUT WITH BASE CONCRETE CONSISTING OF BRICK BALLAST, WHITE LIME & SAND MORTAR (1:2).	593.11	SQM
1205	SAME AS ITEM 1202 BUT WITH 50MM THICK 1:1.5:3 P.C.C. FLOOR.	895.46	SQM
1206	SAME AS ITEM 1202 BUT WITH 40MM THICK FLOOR & WITHOUT BASE CONCRETE.	449.66	SQM
1207	EXTRA ON ITEMS 1202, 1205 & 1206 WHEN FLOORS ARE POLISHED.	320.46	SQM
1208	EXTRA ON ITEMS 1202, 1205 & 1206 WHEN COLOURED, POLISHED FLOORS ARE LAID.	366.46	SQM
1209	STONE FLOORS 40MM THICK OF MIRZAPUR OR OTHER APPROVED STONE FLAGS, SET IN WHITE LIME & SAND.	2330.39	SQM
1210	SAME AS ITEM 1209 BUT STONE FLAGS LAID IN (1:4) CEMENT & LOCAL SAND MORTAR.	2267.42	SQM
1211	SAME AS ITEM 1209 BUT STONE FLAGS LAID IN WHITE LIME & SURKHI 1:2 & BASE CONCRETE WITH BRICK BALLAST, WHITE LIME & SURKHI (1:2).	2292.12	SQM

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
1212	SAME AS ITEMS 1209, 1210, 1211 BUT UPPER SURFACE & EDGES		
	CHIESEL DRESSED & JOINT UPTO 6MM THICK IN WHITE LIME & SAND.	2108.64	SQM
1213	SAME AS ITEM 1212 BUT IN CEMENT & SAND.	2034.34	SQM
1214	SAME AS ITEM 1212 BUT BASE CONCRETE IN WHITE LIME & SURKHI.	2081.43	SQM
1215	1ST CLASS BRICK FLOOR LAID IN CEMENT & LOCAL SAND MORTAR (1:6) & POINTED WITH (1:2) CEMENT MORTAR OVER 75MM THICK BASE CONCRETE WITH KANKAR LIME.	1004.02	SQM
1216	SAME AS ITEM 1215 BUT WITH 75MM BASE CONCRETE WITH (1:2) WHITE LIME & SURKHI.	993.86	SQM
1217	SAME AS ITEM 1215 BUT WITH 75MM BASE CONCRETE IN (1:4:8) CEMENT, LOCAL SAND & BRICK BALLAST.	1034.79	SQM
1218	1ST CLASS BRICKS FLOOR LAID DRY, JOINTS SAND FILLED.	516.81	SQM
1219	GRANOLYTHIC MARBLE FLOORING 25MM THICK WITH 20MM THICK LAYER OF CEMENT & COARSE SAND & 12 MM GAUGE STONE CHIPS WITH SURFACE COAT OF ORDINARY CEMENT INCLUDING 75MM THICK BASE CONCRETE WITH WHITE LIME & SAND.	1259.57	SQM
1220	SAME AS ITEM 1219 BUT WITH WHITE CEMENT IN TOP LAYER.	1362.42	SQM
1221	SAME AS ITEM 1219 BUT WITH COLOURED FLOOR.	1331.38	SQM
1222	SAME AS ITEM 1219 BUT BASE CONCRETE IN (1:4:8) CEMENT, LOCAL SAND AND BRICK BALLAST.	1263.58	SQM
1223	SAME AS ITEM 1220 BUT BASE CONCRETE IN (1:4:8) CEMENT, LOCAL SAND AND BRICK BALLAST.	1371.10	SQM
1224	SAME AS ITEM 1221 BUT BASE CONCRETE IN (1:4:8) CEMENT, LOCAL SAND AND BRICK BALLAST.	1341.41	SQM
1225	SAME AS ITEM 1219 BUT BASE CONCRETE IN WHITE LIME & SURKHI (1:2) (EXTRA ON ITEM 1219).	1268.90	SQM
1226	SAME AS ITEM 1220 BUT BASE CONCRETE IN WHITE LIME & SURKHI (1:2) (EXTRA ON ITEM 1220).	1357.82	SQM
1227	SAME AS ITEM 1221 BUT BASE CONCRETE IN WHITE LIME & SURKHI (1:2) (EXTRA ON ITEM 1221).	1327.75	SQM
1228	GRANOLYTHIC MARBLE DADO 20MM THICK WITH 14MM THICK LAYER OF CEMENT & COARSE SAND (1:2) WITH 6MM THICK SURFACE COAT OF ORDINARY CEMENT.	1035.04	SQM
1229	SAME AS ITEM 1228 BUT WITH WHITE CEMENT IN TOP COAT.	1144.28	SQM
1230	SAME AS ITEM 1228 BUT WITH COLOURED DADO.	1115.04	SQM
1231	SUPPLY AND FIXING OF 15X15CM CHINA WHITE GLAZED TILES 6MM THICK IN FLOORING OR IN SKIRTING OR DADO LAID WITH (1:3) CEMENT & COARSE SAND.	3431.42	SQM
1232	PAINTING OR VARNISHING ON NEW IRON WORK IN SMALL AREAS OR NEW WOOD WORK WITH ONE COAT PRIMING & ONE COAT PAINT OR VARNISH.	102.33	SQM
1233	SAME AS ITEM 1232 BUT FOR EVERY COAT AFTER FIRST COAT.	63.53	SQM
1234	SAME AS ITEM 1233 BUT FOR EVERY COAT ON PREVIOUSLY PAINTED SURFACE.	67.48	SQM
1235	PAINTING ROOF OR OTHER IRON WORK IN LARGE AREA WITH ONE COAT PRIMING & ONE COAT PAINT OR VARNISH.	108.48	SQM
1236	SAME AS ITEM 1235 BUT FOR EVERY COAT AFTER FIRST COAT.	63.53	SQM
1237	SAME AS ITEM 1236 BUT FOR EVERY COAT OVER PREVIOUSLY PAINTED SURFACE.	63.53	SQM
1238	PAINTING OR VARNISHING WITH VALSPER OR HIGH GRADE ENAMEL OR VARNISH ONE COAT OVER PREVIOUSLY PAINTED SURFACE.	120.49	SQM
1239	SAME AS ITEM 1238 BUT FOR EVERY SUBSEQUENT COAT ON PREVIOUSLY TREATED SURFACE WITH ENAMEL OR VARNISH.	104.30	SQM
1240	ONE PRIMING & ONE OIL DISTEMPER COAT ON NEW WORK.	91.59	SQM
1241	SAME AS ITEM 1240 BUT FOR EVERY COAT AFTER 1ST COAT.	52.91	SQM
1242	SAME AS ITEM 1241 BUT FOR EVERY COAT ON PREVIOUSLY DISTEMPERED SURFACE.	56.57	SQM
1243	ONE COAT OF HOT COALTAR ON NEW SURFACE.	24.68	SQM
1244	SAME AS ITEM 1243 BUT FOR EVERY COAT AFTER 1ST COAT.	15.33	SQM

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
1245	ONE COAT SOLIGNUM OR OTHER PRESERVATIVE ON NEW WOOD WORK.	33.16	SQM
1246	SAME AS ITEM 1245 BUT FOR EVERY COAT AFTER FIRST COAT ON PREVIOUSLY TREATED SURFACE.	21.35	SQM
1247	OILING WOOD WORK WITH DOUBLE BOILED LINED OIL.	19.37	SQM
1248	REMOVING PAINT OR VARNISHING WITH PAINT REMOVER OR CAUSTIC SODA.	29.92	SQM
1249	WAX POLISHING OVER NEW WOOD WORK WITH READY MADE POLISH AFTER RUBBING DOWN WITH SAND PAPER.	58.25	SQM
1250	SAME AS ITEM 1249 BUT REPOLISHING WOOD WORK ALREADY WAX POLISHED WITH READY MADE WAX POLISH.	33.34	SQM
1251	WHITE WASHING ONE COAT.	8.25	SQM
1252	SAME AS ITEM 1251 BUT TWO COATS.	12.79	SQM
1253	SAME AS ITEM 1251 BUT THREE COATS.	19.83	SQM
1254	COLOUR WASHING ONE COAT USING COLORING MATERIALS OF BUFF BLUE, BROWN SHADE.	13.32	SQM
1255	SAME AS ITEM 1254 BUT TWO COATS.	24.35	SQM
1256	SAME AS ITEM 1254 BUT USING COLOURING MATERIALS OF PINK, GREEN OR YELLOW SHADE.	15.10	SQM
1257	SAME AS ITEM 1256 BUT TWO COATS.	27.45	SQM
1258	COLOUR WASHING ONE COAT USING COPPER OR IRON SULPHATE.	15.84	SQM
1259	SAME AS ITEM 1258 BUT TWO COATS.	32.44	SQM
1260	CEMENT WASHING.	11.86	SQM
1261	ONE PRIMING COAT & ONE COAT OF DRY DISTEMPER ON NEW WORK.	42.97	SQM
1262	SAME AS ITEM 1261 BUT FOR EACH COAT OF DISTEMPER AFTER FIRST COAT.	25.18	SQM
1263	DISMANTLING SUNDRIED BRICK WORK.	100.72	CUM
1264	DISMANTLING BRICK WORK OR STONE WORK IN LIME OR CEMENT MORTAR.	470.01	CUM
1265	SAME AS ITEM 1264 BUT IN MUD MORTAR.	268.58	CUM
1266	DISMANTLING R.C.C. OR R.B. WORK.	1059.80	CUM
1267	DISMANTLING JACK ARCHED OR WOODEN BEAM & BARJA ROOFS INCLUDING BEAMS & ROOF CONCRETE.	470.01	CUM
1268	SAME AS ITEM 1267 BUT ONLY ROOF CONCRETE.	335.72	CUM
1269	DISMANTLING CEMENT CONCRETE OR BRICKS OR GRANOLYTHIC FLOORS INCLUDING BASE CONCRETE.	67.14	SQM
1270	SAME AS ITEM 1269 BUT STONE FLAG OR TILED FLOOR.	87.14	SQM
1271	DISMANTLING SINGLE TILED ROOF INCLUDING PURLINES & BATTENS.	72.72	SQM
1272	SAME AS ITEM 1271 BUT DOUBLE TILED ROOF.	123.08	SQM
1273	DISMANTLING CORRUGATED IRON ROOFS, WALLS OR PARTITIONS INCLUDING PURLINS, BATTENS & VERTICAL SUPPORTS.	52.16	SQM
1274	DISMANTLING OF GIRDERS, TRUSSES & OTHER STEEL WORK.	1603.94	QTL
1275	DISMANTLING DOORS & WINDOWS INCLUDING CHAUKHATS WITH HOLDFASTS.	63.79	SQM
1276	DISMANTLING DOORS & WINDOWS LEAVES.	33.23	SQM
1277	DISMANTLING DOORS & WINDOWS INCLUDING CHAUKHATS BUT EXCLUDING HOLDFASTS.	54.71	SQM
1278	DISMANTLING EXISTING PLASTER.	67.14	SQM
1279	RACKING OUT JOINTS OF BRICK WORK IN CEMENT & LIME MORTAR TO A DEPTH OF 10MM.	33.57	SQM
1280	SCRAPING OLD WHITE OR COLOUR WASHING.	16.78	SQM
1281	SUPPLY & FIX BLOCK OF G.P. TEAK WOOD 75X75X120MM IN WALL WITH (1:3) (CEMENT & COARSE SAND MORTAR.	94.35	NO.
1282	SUPPLY & FIX BRASS CLEATS FOR CLERESTORY WINDOW CORDS TO TEAK WOOD PLATE 100X100X10MM OVER BLOCKS OF C.P. TEAK WOOD.	145.22	NO.
1283	SAME AS ITEM 1282 BUT WITH OXIDISED IRON CLEATS.	96.89	NO.
1284	SUPPLY & FIX COTTON CORD FOR CLERESTORY WINDOW.	198.29	KG
1285	SUPPLY & FIX C.P. TEAK WOOD CLEATS 100X75X50 MM TO C.P. TEAK DOORS & WINDOWS WITH BRASS HINGS 50MM.	219.25	NO.

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
1286	SUPPLY & FIX 100MM DIA. A.C. DOWN PIPES COMPLETE WITH ROSE, HEADS, BENDS & GRATINGS WITH M.S. CLAMP 25X3MM FIXED TO WALLS & SUPPLY OF 150MM LONG, 6MM DIA. NAILS, REPAIRS OF PLASTER, PAINTING ETC. COMPLETE.	351.66	RM
1287	SUPPLY & FIX C.P. TEAK WOOD PIG RACK 800X75X25MM WITH THREE BRASS PEGS ON 75X75X120MM TEAK WOOD BLOCK.	1233.28	NO.
1288	SUPPLY & FIX 40MM THICK C.P. TEAK WOOD PANNELLED PARTITION WITH TEAK WOOD FRAMES 100X80MM TOP, BOTTOM & SIDE VERTICALS AT 1.5M APART.	8292.31	SQM
1289	SUPPLY & FIX PLAIN ASBESTOS SHEET PARTITION WITH 50X10MM DEODAR OR SHEESHAM WOOD BEADING, ERECTION & FIXING.	3800.50	SQM
1290	SAME AS ITEM 1289 BUT WITH MASONITE PARTITIONS.	3923.59	SQM
1291	CONSOLIDATION OF 30 TO 40MM GAUGE KANKAR BY HAND RAMMER, SORTING KANKAR INTO THREE SIZES REPAIRING PATCHES IN EXISTING ROAD SURFACE WITH KANKAR, PICKING UP OLD SURFACE, SPREADING KANKAR, MAKING MEDIS TO RETAIN WATER & RAMMING WITH CARRIAGE OF MATEL & WATER AND MAINTENANCE OF BARRIERS, CAUTION POSTS, LIGHTS ETC. (EXCLUDING SUPPLY OF KANKAR).	507.47	CUM
1292	SAME AS ITEM 1291 BUT FOR CONSOLIDATION BY ROAD ROLLER.	758.23	CUM
1293	SAME AS ITEM 1291 BUT FOR 120MM THICK COAT OF BRICK BALLAST.	507.47	CUM
1294	SAME AS ITEM 1292 BUT FOR 80MM THICK COAT OF BRICK BALLAST.	758.23	CUM
1295	SAME AS ITEM 1292 BUT FOR 12MM THICK COAT OF BRICK BALLAST.	840.38	CUM
1296	SAME AS ITEM 1292 BUT 80MM THICK STONE BALLAST OVER EXISTING KANKAR ROAD SURFACE.	967.75	CUM
1297	WATER ALLOWANCE ON ITEM 1291 TO 1296.	83.93	CUM
1298	DIGGING KANKAR INCLUDING BREAKING, CLEANING & ROLLING AND THE COST OF BORING TO FIND KANKAR STRATA.	1094.17	CUM
1299	MAKING MUD TREE GUARDS IM (L.D) & 1M HIGH ABOVE G.L.	712.20	NO.
1300	DUG BELLING 150MM DEEP IN ONE LINE ALIGNED WITH FLAGS & JHANDIES.	2266.11	KM
1301	PAINTING WHITE TRAFFIC LINES 75MM WIDE IN THREE COATS WITH APPROVED WHITE PAINT.	784.87	SQM
1302	BRICK SOLING WITH STRAIGHT OVER BURNT BRICKS & DRY WITH BRICK EDGING LAID VERTICAL ON EITHER SIDE, FILLING THE JOINTS WITH LOCAL EARTH.	395.54	SQM
1303	RENEWING PARTIES 3M WIDE, DRESSING SURFACE, FILLING UP TO 8 CM DEPTH & MAKING PROFILES OF EVERY-15M APART.	51.23	RM
1304	BRICK EDGING OF 1ST CLASS BRICKS LAID VERTICAL WITH MUD MORTAR.	195.64	RM
1305	STACKING OF ROAD METAL TO THE REQUIRED TEMPLATE AFTER SCREENING AT ROAD SIDE.	121.16	CUM
1306	BITUMEN PAINTING (LABOUR ONLY) OVER WATER BOUND SURFACE (1ST COAT) EXCLUDING SUPPLY OF PAINT & GRIT.	38.05	SQM
1307	SAME AS ITEM 1306 BUT SUBSEQUENT COATS OF PAINTING OVER PREVIOUSLY PAINTED SURFACE.	19.03	SQM
1308	SAME AS ITEM 1306 BUT WITH COLD EMULSION IN 2ND COAT.	33.13	SQM
1309	SAME AS ITEM 1306 BUT WITH TAR IN ONE COAT.	33.43	SQM
1310	SAME AS ITEM 1306 BUT WITH TAR IN 2ND COAT OR OTHER SUBSEQUENT COATS OF PAINTING OVER PREVIOUSLY PAINTED SURFACE.	16.71	SQM
1311	SCRAPPING OF OLD PAINTED SURFACE (ROAD SURFACE).	73.18	SQM
1312	LAYING C.C. ROAD SLAB 100MM THICK IN (1:2:4) CEMENT, COARSE SAND & STONE BALLAST OVER PREPARED SURFACE.	12027.21	CUM
1313	SAME AS ITEM 1312 BUT EXCLUDING SUPPLY OF CEMENT, COARSE SAND & STONE BALLAST.	5078.17	CUM
1314	BLENDING OF WATER BOUND STONE OR KANKAR ROAD SURFACE WITH LOCAL EARTH OR SAND IN 15MM DEEP LAYERS.	11.55	RM

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
1315	EARTH WORK IN EDGING OF THE PAINTED OR C.C. ROAD IN A WIDTH OF 0.5M ON EITHER SIDE & 100MM DEEP.	22.02	RM
1316	JOINT FILLING IN C.C. ROADS & REMOVING THE OLD TAR OR OTHER MATERIALS (LABOUR ONLY).	1.99	RM
1317	CONSOLIDATION OF KANKAR IN PATCH REPAIRING BY HAND RAMMER, PICKING OUT OLD SURFACE UPTO 100MM DEPTH IN A RECTANGULAR FORM MAKING 50MM WIDE DRAIN AROUND THE PATCH.	1111.60	CUM
1318	PATCH REPAIR OF SURFACE PAINTED WITH BITUMEN INCLUDING HEATING THE PAINT ETC. (LABOUR ONLY).	3986.68	CUM
1319	CLEANING OF THE EXISTING PAINTED SURFACE & LAYING PREMIX 20MM THICK OVER A TACK COAT WITH GRADED GRIT & BITUMEN (LABOUR ONLY).	47.26	SQM
1320	SAME AS ITEM 1319 BUT IN PATCHES.	1915.47	CUM
1321	CLEANING THE PREMIX SURFACE & LAYING SEAL COAT WITH 6MM GRADED GRIT & BITUMEN INCLUDING HEATING OF PAINT (LABOUR ONLY).	14.10	SQM
1322	SAME AS ITEM 1319 BUT ON WATER BOUND SURFACE.	57.24	SQM
1323	PROVIDE ALL MATERIALS, LABOUR, T & P ETC. & CONSTRUCT 100MM THICK (1:2:4) CEMENT CONCRETE ROAD FOR REINSTATEMENT OF PATCH & TRENCH CUTS IN CEMENT CONCRETE ROAD.	2326.74	SQM
1324	SAME AS ITEM 1323 BUT TWO COATS OF BITUMEN PAINTING INSTEAD OF 100MM THICK CEMENT CONCRETE LAYER.	1343.93	SQM
1325	SAME AS ITEM 1323 BUT TWO EXCLUDING THE CEMENT CONCRETE SLAB.	946.24	SQM
1326	MAINTENANCE OF TERRACED ROOFS, FILLING UP CRACKS BEFORE RAINS WITH BITUMINOUS FILLER.	77.55	SQM
1327	REPAIR OF PLASTER OR POINTING IN PATCHES INCLUDING REMOVAL OF OLD PLASTER.	0.00	25%
1328	REPAIRS OF FLOORING IN PATCHES INCLUDING DIGGING UPTO EXISTING THICKNESS OF FLOORS, RENEWING THE SAME.	0.00	25%
1329	CLEANING OF WELL & THROWING OUT THE SILT TO THE PLACE AS DIRECTD BY THE ENGINEER IN CHARGE.	1377.75	RM
1330	BLENDING PANES OF GLASS.	127.91	SQM
1331	RENEWING PANES OF GLASS 2.5MM THICK WITH PUTTY & BEADS.	808.83	SQM
1332	CLEANING DOORS & WINDOWS WITH ORDINARY OIL & WATER.	12.39	SQM
1333	FIXING PANES & GLASS INCLUDING PUTTY & BEADS (EXCLUDING COST OF GLASS).	243.87	SQM
1334	CLEANING PANES OF GLASS WITH SPRIT OR CAUSTIC SODA.	82.34	SQM
1335	LABOUR FOR FIXING DOOR BOLTS OR HINGES OR TOWER BOLTS OR HASP & STRAPLES OR HANDLES ETC. TO DOORS & WINDOWS.	20.14	EACH
1336	OPENING & REFIXING 100MM DIA. RAIN WATER DOWN PIPE AFTER CLEANING.	70.34	RM
1337	VARNISHING OR POLISHING FURNITURE WITH HIGH GRADE VARNISH OR POLISH AFTER SAND PAPERING.	124.38	NO.

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
	(B) WATER SUPPLY WORKS:		
2001	EXCAVATION FOR PIPE LINE 0-1.5 M DEEP IN ORDINARY SOIL (LOAM, CLAY, SAND).	182.74	CUM
2002	SAME AS ITEM 2001 BUT IN SOIL MIXED WITH MOORUM/SHINGLE/KANKAR.	212.32	CUM
2003	EXTRA ON ITEMS 2001 AND 2002 FOR ADDITIONAL LEAD AND LIFT.	44.32	CUM
2004	CARTING FROM STORE, LAYING, JOINTING, FIXING & TESTING OF 15MM DIA. (NOMINAL) M.S. GALVANIZED SCREWED & SOCKETTED PIPES (LIGHT & MEDIUM QUALITY), SPECIALS & FITTINGS (INSIDE HOUSES).	79.77	RM
2005	SAME AS ITEM 2004 BUT FOR 20MM DIA.	89.84	RM
2006	SAME AS ITEM 2004 BUT FOR 25MM DIA.	117.73	RM
2007	SAME AS ITEM 2004 BUT FOR 32MM DIA.	136.82	RM
2008	SAME AS ITEM 2004 BUT FOR 40MM DIA.	165.30	RM
2009	CARTING FROM STORE, LAYING, JOINTING, FIXING & TESTING OF 15MM DIA. (NOMINAL) M.S. GALVANIZED SCREWED & SOCKETTED PIPES (MEDIUM QUALITY), SPECIALS & FITTINGS (IN TRENCHES OUTSIDE HOUSES).	20.70	RM
2010	SAME AS ITEM 2009 BUT FOR 20MM DIA.	29.93	RM
2011	SAME AS ITEM 2009 BUT FOR 25MM DIA.	41.27	RM
2012	SAME AS ITEM 2009 BUT FOR 32MM DIA.	49.58	RM
2013	SAME AS ITEM 2009 BUT FOR 40MM DIA.	54.84	RM
2014	SAME AS ITEM 2009 BUT FOR 50MM DIA.	64.57	RM
2015	SAME AS ITEM 2009 BUT FOR 65MM DIA.	77.79	RM
2016	SAME AS ITEM 2009 BUT FOR 80MM DIA.	94.76	RM
2017	SAME AS ITEM 2009 BUT FOR 100MM DIA.	112.24	RM
2018	SAME AS ITEM 2009 BUT FOR 125MM DIA.	123.61	RM
2019	SAME AS ITEM 2009 BUT FOR 150MM DIA.	139.92	RM
2020	CARTING FROM STORE, LAYING, JOINTING & TESTING 50MM DIA. CLASS I & II A.C. PRESURE PIPE WITH FITTING ETC.	21.05	RM
2021	SAME AS ITEM 2020 BUT 65 MM DIA.	26.13	RM
2022	SAME AS ITEM 2020 BUT 80 MM DIA.	27.99	RM
2023	SAME AS ITEM 2020 BUT 100MM DIA.	34.08	RM
2024	SAME AS ITEM 2020 BUT 125MM DIA.	42.82	RM
2025	SAME AS ITEM 2020 BUT 150MM DIA.	48.93	RM
2026	SAME AS ITEM 2020 BUT 200MM DIA.	59.68	RM
2027	SAME AS ITEM 2020 BUT 250MM DIA.	71.44	RM
2028	SAME AS ITEM 2020 BUT 300MM DIA.	83.93	RM
2029	SAME AS ITEM 2020 BUT 350MM DIA.	127.75	RM
2030	SAME AS ITEM 2020 BUT 400MM DIA.	159.41	RM
2031	SAME AS ITEM 2020 BUT 450MM DIA.	191.80	RM
2032	SAME AS ITEM 2020 BUT 500MM DIA.	237.01	RM
2033	SAME AS ITEM 2020 BUT 600MM DIA.	330.85	RM
2034	SAME AS ITEM 2020 TO 2033 BUT CLASS III A.C. PIPE (EXTRA ON ITEMS 2020 TO 2033).		5%
2035	CARTING FROM STORE, LAYING, JOINTING, FIXING & TESTING 15 MM DIA. (I.D.) P.V.C. PIPES & SPECIALS.	6.16	RM
2036	SAME AS ITEM 2035 BUT 20MM DIA.	7.51	RM
2037	SAME AS ITEM 2035 BUT 25MM DIA.	8.24	RM
2038	SAME AS ITEM 2035 BUT 32MM DIA.	9.98	RM
2039	SAME AS ITEM 2035 BUT 40MM DIA.	11.33	RM
2040	SAME AS ITEM 2035 BUT 50MM DIA.	17.01	RM
2041	SAME AS ITEM 2035 BUT 65MM DIA.	23.12	RM
2042	SAME AS ITEM 2035 BUT 80MM DIA.	28.55	RM
2043	SAME AS ITEM 2035 BUT 100 MM DIA.	31.78	RM
2044	SAME AS ITEM 2035 BUT 125 MM DIA.	34.78	RM
2045	SAME AS ITEM 2035 BUT 150 MM DIA.	44.69	RM
2046	SAME AS ITEM 2035 BUT 180 MM DIA.	49.89	RM
2047	SAME AS ITEM 2035 BUT 200 MM DIA.	51.93	RM
2048	CARTING FROM STORE P1 QUALITY R.C.C. PRESSURE PIPES & SPECIALS 80MM DIA., LAYING JOINTING, & TESTING WITH (1:1.5) CEMENT & SAND MORTAR JOINTS.	109.66	RM

CODE	DESCRIPTION	RATE In Rs.	UNIT
1	2	3	4
		132.29	RM
		182.63	RM
2049	SAME AS ITEM 2048 BUT 100 MM DIA.	208.40	RM
2050	SAME AS ITEM 2048 BUT 150 MM DIA.	235.04	RM
2051	SAME AS ITEM 2048 BUT 250 MM DIA.	109.86	RM
2052	SAME AS ITEM 2048 BUT 300 MM DIA.	132.35	RM
2053	SAME AS ITEM 2048 BUT P2 QUALITY 80 MM DIA. PIPES.	162.63	RM
2054	SAME AS ITEM 2049 BUT P2 QUALITY 100MM DIA. PIPES.	214.14	RM
2055	SAME AS ITEM 2050 BUT P2 QUALITY 150MM DIA. PIPES.	255.37	RM
2056	SAME AS ITEM 2055 BUT P2 QUALITY 250MM DIA. PIPES.	341.58	RM
2057	SAME AS ITEM 2055 BUT P2 QUALITY 300MM DIA. PIPES.	399.91	RM
2058	SAME AS ITEM 2055 BUT P2 QUALITY 350MM DIA. PIPES.	449.61	RM
2059	SAME AS ITEM 2055 BUT P2 QUALITY 400MM DIA. PIPES.	533.23	RM
2060	SAME AS ITEM 2055 BUT P2 QUALITY 450MM DIA. PIPES.	675.05	RM
2061	SAME AS ITEM 2055 BUT P2 QUALITY 500MM DIA. PIPES.	109.86	RM
2062	SAME AS ITEM 2055 BUT P2 QUALITY 600MM DIA. PIPES.	132.29	RM
2063	SAME AS ITEM 2048 BUT P3 QUALITY 80 MM DIA. PIPES.	162.63	RM
2064	SAME AS ITEM 2049 BUT P3 QUALITY 100MM DIA. PIPES.	225.87	RM
2065	SAME AS ITEM 2050 BUT P3 QUALITY 150MM DIA. PIPES.	269.03	RM
2066	SAME AS ITEM 2065 BUT 250MM DIA. PIPES.	381.29	RM
2067	SAME AS ITEM 2065 BUT 300MM DIA. PIPES.	419.12	RM
2068	SAME AS ITEM 2065 BUT 350MM DIA. PIPES.		
2069	SAME AS ITEM 2065 BUT 400MM DIA. PIPES.		
2070	CARTING OF C.I.S & S AND FLANGED (CLASS 'LA' AND 'A') PIPES & SPECIALS FROM STORE, LAYING, JOINTING & TESTING ETC. 80MM DIA.	30.24	RM
		38.44	RM
		49.68	RM
2071	SAME AS 2070 BUT 100MM DIA. PIPES.	61.99	RM
2072	SAME AS 2070 BUT 125MM DIA. PIPES.	90.66	RM
2073	SAME AS 2070 BUT 150MM DIA. PIPES.	122.03	RM
2074	SAME AS 2070 BUT 200MM DIA. PIPES.	157.76	RM
2075	SAME AS 2070 BUT 250MM DIA. PIPES.		
2076	SAME AS 2070 BUT 300MM DIA. PIPES.		
2077	SAME AS 2070 BUT C.I. SCREWED FLANGED PIPES (CLASS 'A') 80 MM DIA.	34.29	RM
		43.31	RM
		55.99	RM
2078	SAME AS 2077 BUT 100 MM DIA.	70.13	RM
2079	SAME AS 2077 BUT 125 MM DIA.	101.12	RM
2080	SAME AS 2077 BUT 150 MM DIA.	135.78	RM
2081	SAME AS 2077 BUT 200 MM DIA.	174.61	RM
2082	SAME AS 2077 BUT 250 MM DIA.		
2083	SAME AS 2077 BUT 300 MM DIA.		
2084	C.I. FLANGED PIPES VERTICALLY CAST CLASS (A) - SAME RATES AS FOR ITEMS 2077 TO 2083.	193.78	RM
2085	SAME AS ITEM 2070 BUT 350 MM DIA.	235.59	RM
2086	SAME AS ITEM 2070 BUT 400 MM DIA.	283.98	RM
2087	SAME AS ITEM 2070 BUT 450 MM DIA.	333.07	RM
2088	SAME AS ITEM 2070 BUT 500 MM DIA.	443.47	RM
2089	SAME AS ITEM 2070 BUT 600 MM DIA.	572.57	RM
2090	SAME AS ITEM 2070 BUT 700 MM DIA.	641.27	RM
2091	SAME AS ITEM 2070 BUT 750 MM DIA.		
2092	SAME AS ITEM 2085 BUT C.I. FLANGED PIPES (VERTICALLY CAST CLASS - A) 350 MM DIA.	215.49	RM
		264.41	RM
2093	SAME AS ITEM 2085 BUT FOR 400 MM DIA.	318.09	RM
2094	SAME AS ITEM 2085 BUT FOR 450 MM DIA.	370.77	RM
2095	SAME AS ITEM 2085 BUT FOR 500 MM DIA.	496.02	RM
2096	SAME AS ITEM 2085 BUT FOR 600 MM DIA.	643.71	RM
2097	SAME AS ITEM 2085 BUT FOR 700 MM DIA.	724.44	RM
2098	SAME AS ITEM 2085 BUT FOR 750 MM DIA.		
2099	SAME AS ITEM 2070 BUT C.I.S. & S PIPES (VERTICALLY CAST CLASS A) 800 MM DIA.	746.52	RM
2100	SAME AS ITEM 2070 BUT C.I.S. & S PIPES (VERTICALLY CAST CLASS A) 900 MM DIA.	910.90	RM
2101	SAME AS ITEM 2070 BUT C.I.S. & S PIPES (VERTICALLY CAST CLASS A) 1000MM DIA.	1095.69	RM

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
2102	SAME AS ITEM 2089 BUT C.I.S. & S PIPES (VERTICALLY CAST CLASS A) 800 MM DIA.	788.81	RM
2103	SAME AS ITEM 2089 BUT C.I.S. & S PIPES (VERTICALLY CAST CLASS A) 900 MM DIA.	958.19	RM
2104	SAME AS ITEM 2089 BUT C.I.S. & S PIPES (VERTICALLY CAST CLASS A) 1000MM DIA.	1159.03	RM
2105	SAME AS ITEM 2070 BUT C.I.S. & S PIPES (VERTICALLY CAST CLASS A) 1100MM DIA.	1215.19	RM
2106	SAME AS ITEM 2070 BUT C.I.S. & S PIPES (VERTICALLY CAST CLASS A) 1200MM DIA.	1416.38	RM
2107	CARTING FROM STORE CLASS 'A' C.I. SEREWED FLANGED SPUN PIPES & CLASS 'A' VERTICALLY CAST PIPES, SPECIALS & FITTINGS, HOISTING & ERECTING IN VERTICAL POSITION (UPTO 8 M HIGHT) 80 MM DIA.	115.16	RM
2108	SAME AS ITEM 2107 BUT 100 DIA.	142.96	RM
2109	SAME AS ITEM 2107 BUT 125 DIA.	187.31	RM
2110	SAME AS IETM 2107 BUT 150 DIA.	235.16	RM
2111	SAME AS IETM 2107 BUT 200 DIA.	338.75	RM
2112	SAME AS ITEM 2107 BUT 250 DIA.	455.23	RM
2113	SAME AS IETM 2107 BUT 300 DIA.	588.10	RM
2114	SAME AS IETM 2107 BUT 8.0 - 16.0 HIGH 80 MM DIA.	192.05	RM
2115	SAME AS ITEM 2107 BUT 8.0 - 16.0 HIGH 100MM DIA.	242.22	RM
2116	SAME AS ITEM 2107 BUT 8.0 - 16.0 HIGH 125MM DIA.	312.07	RM
2117	SAME AS ITEM 2107 BUT 8.0 - 16.0 HIGH 150MM DIA.	391.14	RM
2118	SAME AS ITEM 2107 BUT 8.0 - 16.0 HIGH 200MM DIA.	564.91	RM
2119	SAME AS ITEM 2107 BUT 8.0 - 16.0 HIGH 250MM DIA.	756.38	RM
2120	SAME AS ITEM 2107 BUT 8.0 - 16.0 HIGH 300MM DIA.	979.33	RM
2121	SAME AS ITEM 2107 BUT 16.0 - 24.0 HIGH 80 MM DIA.	309.94	RM
2122	SAME AS ITEM 2107 BUT 16.0 - 24.0 HIGH 100MM DIA.	386.71	RM
2123	SAME AS ITEM 2107 BUT 16.0 - 24.0 HIGH 125MM DIA.	505.24	RM
2124	SAME AS ITEM 2107 BUT 16.0 - 24.0 HIGH 150MM DIA.	632.19	RM
2125	SAME AS ITEM 2107 BUT 16.0 - 24.0 HIGH 200MM DIA.	911.85	RM
2126	SAME AS ITEM 2107 BUT 16.0 - 24.0 HIGH 250MM DIA.	1225.48	RM
2127	SAME AS ITEM 2107 BUT 16.0 - 24.0 HIGH 300MM DIA.	1581.71	RM
2128	SAME AS ITEM 2107 BUT VERTICALLY CAST PIPES 350 MM DIA.	799.62	RM
2129	SAME AS ITEM 2107 BUT VERTICALLY CAST PIPES 400 MM DIA.	982.92	RM
2130	SAME AS ITEM 2107 BUT VERTICALLY CAST PIPES 450 MM DIA.	1181.81	RM
2131	SAME AS ITEM 2107 BUT VERTICALLY CAST PIPES 500 MM DIA.	1377.18	RM
2132	SAME AS ITEM 2107 BUT VERTICALLY CAST PIPES 600 MM DIA.	1840.19	RM
2133	SAME AS ITEM 2107 BUT VERTICALLY CAST PIPES 700 MM DIA.	2389.44	RM
2134	SAME AS ITEM 2107 BUT VERTICALLY CAST PIPES 750 MM DIA.	2688.84	RM
2135	SAME AS ITEM 2128 BUT 8.0 - 16.0 HIGH FOR 350 MM DIA.	1073.90	RM
2136	SAME AS ITEM 2128 BUT 8.0 - 16.0 HIGH FOR 400 MM DIA.	1318.98	RM
2137	SAME AS ITEM 2128 BUT 8.0 - 16.0 HIGH FOR 450 MM DIA.	1586.53	RM
2138	SAME AS ITEM 2128 BUT 8.0 - 16.0 HIGH FOR 500 MM DIA.	1849.45	RM
2139	SAME AS ITEM 2128 BUT 8.0 - 16.0 HIGH FOR 600 MM DIA.	2473.18	RM
2140	SAME AS ITEM 2128 BUT 8.0 - 16.0 HIGH FOR 700 MM DIA.	3210.13	RM
2141	SAME AS ITEM 2128 BUT 8.0 - 16.0 HIGH FOR 750 MM DIA.	3612.50	RM
2142	SAME AS ITEM 2128 BUT 16.0 - 24.0 HIGH FOR 350 MM DIA.	1697.84	RM
2143	SAME AS ITEM 2128 BUT 16.0 - 24.0 HIGH FOR 400 MM DIA.	2071.65	RM
2144	SAME AS ITEM 2128 BUT 16.0 - 24.0 HIGH FOR 450 MM DIA.	2492.32	RM
2145	SAME AS ITEM 2128 BUT 16.0 - 24.0 HIGH FOR 500 MM DIA.	2908.52	RM
2146	SAME AS ITEM 2128 BUT 16.0 - 24.0 HIGH FOR 600 MM DIA.	3884.20	RM
2147	SAME AS ITEM 2128 BUT 16.0 - 24.0 HIGH FOR 700 MM DIA.	5042.84	RM
2148	SAME AS ITEM 2128 BUT 16.0 - 24.0 HIGH FOR 750 MM DIA.	5674.98	RM
2149	CARTING, LAYING & TESTING OF STEEL CYLINDER REINFORCED CONCRETE PIPES CLASS 3 AND SPECIALS 200 MM DIA.	135.18	RM
2150	SAME AS ITEM 2149 BUT 250 MM DIA.	174.43	RM
2151	SAME AS ITEM 2149 BUT 300 MM DIA.	202.41	RM
2152	SAME AS ITEM 2149 BUT 350 MM DIA.	246.15	RM
2153	SAME AS ITEM 2149 BUT 400 MM DIA.	286.27	RM
2154	SAME AS ITEM 2149 BUT 450 MM DIA.	356.48	RM

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
		407.98	RM
2155	SAME AS ITEM 2149 BUT 500 MM DIA.	497.53	RM
2156	SAME AS ITEM 2149 BUT 600 MM DIA.	609.28	RM
2157	SAME AS ITEM 2149 BUT 700 MM DIA.	1120.56	RM
2158	SAME AS ITEM 2149 BUT 900 MM DIA.	1503.09	RM
2159	SAME AS ITEM 2149 BUT 1100 MM DIA.	1843.42	RM
2160	SAME AS ITEM 2149 BUT 1200 MM DIA.		
2161	MAKING LEAD & SPUN YARN JOINTS OF C.I.S & S PIPES & SPECIALS 80 MM DIA.	848.16	JNT
2162	SAME AS ITEM 2161 BUT 100 MM DIA.	1059.03	JNT
2163	SAME AS ITEM 2161 BUT 125 MM DIA.	1238.84	JNT
2164	SAME AS ITEM 2161 BUT 150 MM DIA.	1584.03	JNT
2165	SAME AS ITEM 2161 BUT 200 MM DIA.	2309.90	JNT
2166	SAME AS ITEM 2161 BUT 250 MM DIA.	2803.75	JNT
2167	SAME AS ITEM 2161 BUT 300 MM DIA.	3219.41	JNT
2168	SAME AS ITEM 2161 BUT 350 MM DIA.	3787.05	JNT
2169	SAME AS ITEM 2161 BUT 400 MM DIA.	4390.41	JNT
2170	SAME AS ITEM 2161 BUT 450 MM DIA.	6163.48	JNT
2171	SAME AS ITEM 2161 BUT 500 MM DIA.	6652.99	JNT
2172	SAME AS ITEM 2161 BUT 600 MM DIA.	8443.72	JNT
2173	SAME AS ITEM 2161 BUT 700 MM DIA.	9658.91	JNT
2174	SAME AS ITEM 2161 BUT 750 MM DIA.	11259.21	JNT
2175	SAME AS ITEM 2161 BUT 800 MM DIA.	14016.89	JNT
2176	SAME AS ITEM 2161 BUT 900 MM DIA.	15701.22	JNT
2177	SAME AS ITEM 2161 BUT 1000MM DIA.	18133.65	JNT
2178	SAME AS ITEM 2161 BUT 1100MM DIA.	20380.18	JNT
2179	SAME AS ITEM 2161 BUT 1200MM DIA.	22216.86	JNT
2180	MAKING JOINTS OF 80MM DIA. FLANGED PIPES & SPECIALS.	290.35	JNT
2181	SAME AS ITEM 2180 BUT 100 MM DIA.	446.59	JNT
2182	SAME AS ITEM 2180 BUT 125 MM DIA.	497.29	JNT
2183	SAME AS ITEM 2180 BUT 150 MM DIA.	692.02	JNT
2184	SAME AS ITEM 2180 BUT 200 MM DIA.	776.78	JNT
2185	SAME AS ITEM 2180 BUT 250 MM DIA.	1098.56	JNT
2186	SAME AS ITEM 2180 BUT 300 MM DIA.	1191.34	JNT
2187	SAME AS ITEM 2180 BUT 350 MM DIA.	1597.49	JNT
2188	SAME AS ITEM 2180 BUT 400 MM DIA.	2174.39	JNT
2189	SAME AS ITEM 2180 BUT 450 MM DIA.	2705.07	JNT
2190	SAME AS ITEM 2180 BUT 500 MM DIA.	2891.28	JNT
2191	SAME AS ITEM 2180 BUT 600 MM DIA.	3763.24	JNT
2192	SAME AS ITEM 2180 BUT 700 MM DIA.	4585.84	JNT
2193	SAME AS ITEM 2180 BUT 750 MM DIA.	4877.58	JNT
2194	SAME AS ITEM 2180 BUT 800 MM DIA.	7023.19	JNT
2195	SAME AS ITEM 2180 BUT 900 MM DIA.	8130.23	JNT
2196	SAME AS ITEM 2180 BUT 1000MM DIA.	9610.61	JNT
2197	CARTING, LAYING & TESTING OF C.I.S & S CLASS 'LA' TYTON JOINT & LEAD JOINT PIPES & SPECIALS 80 MM DIA.	25.24	RM
2198	SAME AS ITEM 2097 BUT 100 MM DIA.	32.34	RM
2199	SAME AS ITEM 2097 BUT 125 MM DIA.	41.88	RM
2200	SAME AS ITEM 2097 BUT 150 MM DIA.	52.28	RM
2201	SAME AS ITEM 2097 BUT 200 MM DIA.	76.28	RM
2202	SAME AS ITEM 2097 BUT 250 MM DIA.	102.90	RM
2203	SAME AS ITEM 2097 BUT 300 MM DIA.	132.81	RM
2204	SAME AS ITEM 2097 BUT 350 MM DIA.	155.75	RM
2205	SAME AS ITEM 2097 BUT 400 MM DIA.	189.05	RM
2206	SAME AS ITEM 2097 BUT 450 MM DIA.	228.41	RM
2207	SAME AS ITEM 2097 BUT 500 MM DIA.	267.73	RM
2208	SAME AS ITEM 2097 BUT 600 MM DIA.	356.16	RM
2209	SAME AS ITEM 2097 BUT 700 MM DIA.	460.21	RM
2210	SAME AS ITEM 2097 BUT 750 MM DIA.	515.49	RM
2211	MAKE SPECIAL RUBBER GASKET TYTON JOINT C.I.S. & S PIPES & SPECIALS ALL CLASSES 80 MM OR 100 MM DIA.	28.24	JNT
2212	SAME AS ITEM 2211 BUT 125 OR 150 MM DIA.	39.43	JNT
2213	SAME AS ITEM 2211 BUT 200 MM DIA.	48.27	JNT

CODE	DESCRIPTION	RATE In Rs.	UNIT
1	2	3	4
		60.32	JNT
2214	SAME AS ITEM 2211 BUT 250 MM DIA.	81.38	JNT
2215	SAME AS ITEM 2211 BUT 300 MM DIA.	102.73	JNT
2216	SAME AS ITEM 2211 BUT 350 MM DIA.	123.75	JNT
2217	SAME AS ITEM 2211 BUT 400 MM DIA.	139.67	JNT
2218	SAME AS ITEM 2211 BUT 450 MM DIA.	162.04	JNT
2219	SAME AS ITEM 2211 BUT 500 MM DIA.	176.46	JNT
2220	SAME AS ITEM 2211 BUT 600 MM DIA.	216.19	JNT
2221	SAME AS ITEM 2211 BUT 700 MM DIA.	253.61	JNT
2222	SAME AS ITEM 2211 BUT 750 MM DIA.		
2223	MAKING RUBBER RING FLANGED JOINTS (USING C.I. DETACHABLE JOINTS) A.C.PRESURE PIPES & C.I. PLAIN ENDED SPECIALS ALL CLASSES 50, 80 OR 100 MM DIA.	28.24	JNT
2224	SAME AS ITEM 2223 BUT 125 OR 150 MM DIA.	39.43	JNT
2225	SAME AS ITEM 2223 BUT 200 MM DIA.	48.27	JNT
2226	SAME AS ITEM 2223 BUT 250 MM DIA.	60.32	JNT
2227	SAME AS ITEM 2223 BUT 300 MM DIA.	81.38	JNT
2228	MAKING JOINTS OF STEEL CYLINDER REINFORCED CONCRET PIPES OF CLASS III & SPECIAL 200 MM DIA.	1856.24	JNT
2229	SAME AS ITEM 2228 BUT 250 MM DIA.	2552.26	JNT
2230	SAME AS ITEM 2228 BUT 300 MM DIA.	3064.12	JNT
2231	SAME AS ITEM 2228 BUT 350 MM DIA.	3828.00	JNT
2232	SAME AS ITEM 2228 BUT 400 MM DIA.	4354.40	JNT
2233	SAME AS ITEM 2228 BUT 450 MM DIA.	5379.97	JNT
2234	SAME AS ITEM 2228 BUT 500 MM DIA.	5976.08	JNT
2235	SAME AS ITEM 2228 BUT 600 MM DIA.	7156.23	JNT
2236	SAME AS ITEM 2228 BUT 700 MM DIA.	8848.29	JNT
2237	SAME AS ITEM 2228 BUT 900 MM DIA.	11693.26	JNT
2238	SAME AS ITEM 2228 BUT 1100MM DIA.	13727.90	JNT
2239	SAME AS ITEM 2228 BUT 1200MM DIA.	16077.61	JNT
2240	RATE TO REGULATE PAYMENT OF EXCESS NO. 1:1.5 CEMENT MORTAR JOINTS IN 80 MM SIZE P1 QUALITY R.C.C. PRESURE PIPE.	136.17	JNT
2241	SAME AS ITEM 2240 BUT FOR 100 MM DIA.	162.01	JNT
2242	SAME AS ITEM 2240 BUT FOR 150 MM DIA.	185.58	JNT
2243	SAME AS ITEM 2240 BUT FOR 250 MM DIA.	218.24	JNT
2244	SAME AS ITEM 2240 BUT FOR 300 MM DIA.	291.76	JNT
2245	SAME AS ITEM 2240 BUT P2 QUALITY PIPES 80 MM DIA.	136.17	JNT
2246	SAME AS ITEM 2241 BUT P2 QUALITY PIPES 100 MM DIA.	162.01	JNT
2247	SAME AS ITEM 2242 BUT P2 QUALITY PIPES 150 MM DIA.	185.58	JNT
2248	SAME AS ITEM 2247 BUT 250 MM DIA.	223.65	JNT
2249	SAME AS ITEM 2247 BUT 300 MM DIA.	307.40	JNT
2250	SAME AS ITEM 2247 BUT 350 MM DIA.	355.50	JNT
2251	SAME AS ITEM 2247 BUT 400 MM DIA.	408.86	JNT
2252	SAME AS ITEM 2247 BUT 450 MM DIA.	493.61	JNT
2253	SAME AS ITEM 2247 BUT 500 MM DIA.	546.01	JNT
2254	SAME AS ITEM 2247 BUT 600 MM DIA.	658.01	JNT
2255	SAME AS ITEM 2240 BUT FOR P3 QUALITY PIPES 80 MM DIA.	136.17	JNT
2256	SAME AS ITEM 2241 BUT FOR P3 QUALITY PIPES 100MM DIA.	162.01	JNT
2257	SAME AS ITEM 2242 BUT FOR P3 QUALITY PIPES 150MM DIA.	185.58	JNT
2258	SAME AS ITEM 2257 BUT FOR 250 MM DIA.	229.37	JNT
2259	SAME AS ITEM 2257 BUT FOR 300 MM DIA.	317.62	JNT
2260	SAME AS ITEM 2257 BUT FOR 350 MM DIA.	382.12	JNT
2261	SAME AS ITEM 2257 BUT FOR 400 MM DIA.	439.15	JNT
2262	RATE TO REGULATE PAYMENT FOR MAKING LEAD & SPUN YARN JOINTS IN R.C.C. P1 QUALITY PIPES 80 MM DIA.	1102.61	JNT
2263	SAME AS ITEM 2262 BUT 100 MM DIA.	1323.83	JNT
2264	SAME AS ITEM 2262 BUT 150 MM DIA.	1853.55	JNT
2265	SAME AS ITEM 2262 BUT 250 MM DIA.	3140.21	JNT
2266	SAME AS ITEM 2262 BUT 300 MM DIA.	3541.36	JNT
2267	SAME AS ITEM 2262 BUT PC QUALITY PIPES 80 MM DIA.	1102.61	JNT
2268	SAME AS ITEM 2263 BUT 100 MM DIA.	1323.83	JNT
2269	SAME AS ITEM 2264 BUT 150 MM DIA.	1853.55	JNT
2270	SAME AS ITEM 2264 BUT 250 MM DIA.	3168.35	JNT

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
		3734.51	JNT
2271	SAME AS ITEM 2264 BUT 300 MM DIA.	4355.17	JNT
2272	SAME AS ITEM 2264 BUT 350 MM DIA.	5092.88	JNT
2273	SAME AS ITEM 2264 BUT 400 MM DIA.	7027.16	JNT
2274	SAME AS ITEM 2264 BUT 450 MM DIA.	7584.51	JNT
2275	SAME AS ITEM 2264 BUT 500 MM DIA.	9710.28	JNT
2276	SAME AS ITEM 2264 BUT 600 MM DIA.	1102.61	JNT
2277	SAME AS ITEM 2262 BUT P3 QUALITY PIPES 80 MM DIA.	1323.83	JNT
2278	SAME AS ITEM 2283 BUT 100 MM DIA.	1853.55	JNT
2279	SAME AS ITEM 2264 BUT 150 MM DIA.	3252.20	JNT
2280	SAME AS ITEM 2264 BUT 250 MM DIA.	3883.29	JNT
2281	SAME AS ITEM 2264 BUT 300 MM DIA.	4582.39	JNT
2282	SAME AS ITEM 2264 BUT 350 MM DIA.	5400.21	JNT
2283	SAME AS ITEM 2264 BUT 400 MM DIA.		
2284	CUTTING 15 - 25 MM DIA. M.M. GALVANISED PIPES INCLUDING THREADING, SHAPING & FINISHING THE ENDS.	18.49	CUT
2285	SAME AS ITEM 2284 BUT 32 TO 50 MM DIA.	27.50	CUT
2286	SAME AS ITEM 2284 BUT 65 TO 80 MM DIA.	38.75	CUT
2287	SAME AS ITEM 2284 BUT 100 TO 150 MM DIA.	74.51	CUT
2288	CUTTING 50-100 MM DIA. A.C. PIPE INCLUDING SHAPING & FINISHING THE ENDS.	67.20	CUT
2289	SAME AS ITEM 2288 BUT 125 OR 150 MM DIA.	89.53	CUT
2290	SAME AS ITEM 2288 BUT 200 OR 250 MM DIA.	134.29	CUT
2291	SAME AS ITEM 2288 BUT 300 MM DIA.	179.05	CUT
2292	CUTTING C.I. (SPUN) PIPES (CLASS LA AND A) OR SPECIALS INCLUDING SHAPING & FINISHING THE ENDS 80 TO 300 MM DIA.	224.26	CUT
2293	SAME AS ITEM 2292 BUT 350 TO 750 MM DIA.	705.01	CUT
2294	SAME AS ITEM 2292 BUT 800 TO 1000 MM DIA.	1621.53	CUT
2295	SAME AS ITEM 2292 BUT 1100 TO 1200 MM DIA.	2638.74	CUT
2296	CUTTING 200 TO 400 MMD DIA. STEEL CYLINDER R.C.C. PIPES & SPECIALS INCLUDING SHAPING & FINISHING THE ENDS.	815.51	CUT
2297	SAME AS 2296 BUT 450 TO 600 MM DIA.	1286.80	CUT
2298	SAME AS 2296 BUT 700 TO 900 MM DIA.	2629.86	CUT
2299	SAME AS 2296 BUT 1100 TO 1200 MM DIA.	3816.60	CUT
2300	MAKING CONNECTION WITH EXISTING M.S. GALVANISED MAINS UPTO 25 MM DIA.	671.44	CONN
2301	SAME AS ITEM 2300 BUT 32 TO 40 MM DIA.	896.06	CONN
2302	SAME AS ITEM 2300 BUT 50 TO 80 MM DIA.	1175.02	CONN
2303	SAME AS ITEM 2300 BUT 100 TO 150 MM DIA.	2182.15	CONN
2304	CUTTING EXISTING A.C. MAINS 50 TO 125 MM DIA., MAKING CONNECTION, BAILING OUT OF WATER ETC.	1748.35	CONN
2305	SAME AS ITEM 2304 BUT 150 TO 300 MM DIA.	2801.15	CONN
2306	CUTTING OF EXISTING 80 TO 150 MM DIA. S & S OR FLANGED C.I. RUNNING MAINS, MAKING CONNECTION, BAILING OUT OF WATER ETC.	1410.02	CONN
2307	SAME AS ITEM 2306 BUT 200 TO 300 MM DIA.	3245.02	CONN
2308	SAME AS ITEM 2306 BUT 350 TO 450 MM DIA.	5588.14	CONN
2309	SAME AS ITEM 2306 BUT 500 TO 600 MM DIA.	7150.48	CONN
2310	SAME AS ITEM 2306 BUT 700 TO 750 MM DIA.	9545.60	CONN
2311	SAME AS ITEM 2306 BUT 800 TO 1000 MM DIA.	14074.85	CONN
2312	SAME AS ITEM 2306 BUT 1100 TO 12000 MM DIA.	16929.17	CONN
2313	DISMANTLING 15 MM DIA. SCREWED & SOCKETED M.S. GALVANISED PIPES, SPECIALS & FITTINGS INCLUDING TAKEN OUT FROM INTERNAL WORKS.	42.08	RM
2314	SAME AS ITEM 2313 BUT 20 MM DIA.	59.30	RM
2315	SAME AS ITEM 2313 BUT 25 MM DIA.	88.94	RM
2316	SAME AS ITEM 2313 BUT 32 MM DIA.	112.65	RM
2317	SAME AS ITEM 2313 BUT 40 MM DIA.	124.54	RM
2318	SAME AS ITEM 2313 BUT TAKEN OUT FROM TRENCHES 15 MM DIA.	15.33	RM
2319	SAME AS ITEM 2318 BUT 20 MM DIA.	21.28	RM
2320	SAME AS ITEM 2318 BUT 25 MM DIA.	30.00	RM
2321	SAME AS ITEM 2318 BUT 32 MM DIA.	39.01	RM
2322	SAME AS ITEM 2318 BUT 40 MM DIA.	42.08	RM

CODE	DESCRIPTION	RATE in Rs.		UNIT
		3	4	
1		56.40		RM
2323	SAME AS ITEM 2318 BUT 50 MM DIA.	72.35		RM
2324	SAME AS ITEM 2318 BUT 65 MM DIA.	89.54		RM
2325	SAME AS ITEM 2318 BUT 80 MM DIA.	118.91		RM
2326	SAME AS ITEM 2318 BUT 100 MM DIA.	148.27		RM
2327	SAME AS ITEM 2318 BUT 125 MM DIA.	176.70		RM
2328	SAME AS ITEM 2318 BUT 150 MM DIA.			
2329	TAKING OUT 50 OR 80 MM DIA. A.C. PR. PIPES, SPECIALS & FITTINGS			
	(EXCLUDING DISMANTLING & REMOVAL OF DETACHABLE JOINTS.)	16.00		RM
2330	SAME AS ITEM 2329 BUT 100 MM DIA.	19.51		RM
2331	SAME AS ITEM 2329 BUT 125 MM DIA.	23.04		RM
2332	SAME AS ITEM 2329 BUT 150 MM DIA.	27.00		RM
2333	SAME AS ITEM 2329 BUT 200 MM DIA.	31.10		RM
2334	SAME AS ITEM 2329 BUT 250 MM DIA.	38.78		RM
2335	SAME AS ITEM 2329 BUT 300 MM DIA.	46.67		RM
2336	DISANMTLING OF LEAD CAULKED JOINTS OF 80 - 300 MM DIA. C.I. PIPES, SPECIALS AND FITTINGS.	477.45		JNT
2337	SAME AS ITEM 2336 BUT 350 - 600 MM DIA.	1144.28		JNT
2338	SAME AS ITEM 2336 BUT 700 - 900 MM DIA.	2105.77		JNT
2339	SAME AS ITEM 2336 BUT 1000 - 1200 MM DIA.	3631.17		JNT
2340	DISMANTLING FLANGED JOINTS OF 80 MM DIA. C.I. PIPES, SPECIALS & FITTINGS.	119.27		JNT
2341	SAME AS ITEM 2340 BUT 100 - 200 MM DIA.	233.96		JNT
2342	SAME AS ITEM 2340 BUT 250 - 300 MM DIA.	344.08		JNT
2343	SAME AS ITEM 2340 BUT 350 - 400 MM DIA.	454.17		JNT
2344	SAME AS ITEM 2340 BUT 450 - 600 MM DIA.	568.87		JNT
2345	SAME AS ITEM 2340 BUT 700 - 800 MM DIA.	683.53		JNT
2346	SAME AS ITEM 2340 BUT 900 - 1000 MM DIA.	802.84		JNT
2347	DISMANTLING OF CEMENT & LEAD CAULKED JOINTS OF 200 MM DIA. STEEL CYLINDER R.C.C. PIPES & SPECIALS.	472.07		JNT
2348	SAME AS ITEM 2347 BUT 250 MM DIA.	579.20		JNT
2349	SAME AS ITEM 2347 BUT 300 MM DIA.	650.29		JNT
2350	SAME AS ITEM 2347 BUT 350 MM DIA.	804.73		JNT
2351	SAME AS ITEM 2347 BUT 400 MM DIA.	847.53		JNT
2352	SAME AS ITEM 2347 BUT 450 MM DIA.	1071.78		JNT
2353	SAME AS ITEM 2347 BUT 500 MM DIA.	1223.26		JNT
2354	SAME AS ITEM 2347 BUT 600 MM DIA.	1449.83		JNT
2355	SAME AS ITEM 2347 BUT 700 MM DIA.	1787.62		JNT
2356	SAME AS ITEM 2347 BUT 800 MM DIA.	2413.06		JNT
2357	SAME AS ITEM 2347 BUT 900 MM DIA.	2970.46		JNT
2358	SAME AS ITEM 2347 BUT 1100 MM DIA.	3433.72		JNT
2359	TAKING OUT OF C.I. S & S PIPES (SPUN CLASS LA LEAD & SPUNYARN			
	JOINTED OR RUBBER RING GASKET TYTON JOINTED) 80 MM DIA.	19.69		RM
2360	SAME AS ITEM 2359 BUT 100 MM DIA.	25.06		RM
2361	SAME AS ITEM 2359 BUT 125 MM DIA.	32.41		RM
2362	SAME AS ITEM 2359 BUT 150 MM DIA.	40.42		RM
2363	SAME AS ITEM 2359 BUT 200 MM DIA.	59.05		RM
2364	SAME AS ITEM 2359 BUT 250 MM DIA.	79.52		RM
2365	SAME AS ITEM 2359 BUT 300 MM DIA.	102.87		RM
2366	SAME AS ITEM 2359 BUT C.I. FLANGED PIPE (CLASS A) 80 MM DIA.	22.31		RM
2367	SAME AS ITEM 2366 BUT 100 MM DIA.	28.21		RM
2368	SAME AS ITEM 2366 BUT 125 MM DIA.	36.48		RM
2369	SAME AS ITEM 2366 BUT 150 MM DIA.	45.67		RM
2370	SAME AS ITEM 2366 BUT 200 MM DIA.	65.87		RM
2371	SAME AS ITEM 2366 BUT 250 MM DIA.	88.18		RM
2372	SAME AS ITEM 2366 BUT 300 MM DIA.	114.16		RM
2373	SAME AS ITEM 2359 BUT STEEL CYLINDER R.C.C. PIPES (CLASS III) 200 MM DIA.	94.21		RM
2374	SAME AS ITEM 2373 BUT 250 MM DIA.	143.15		RM
2375	SAME AS ITEM 2373 BUT 300 MM DIA.	167.70		RM

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
2376	SAME AS ITEM 2359 BUT C.I. S & S PIPES (SPUN CLASS LA LEAD YARN		
	JOINTED OR RUBBER RING GASKET TYTON JOINTED) 350 MM DIA.	133.44	RM
2377	SAME AS ITEM 2376 BUT 400 MM DIA.	162.21	RM
2378	SAME AS ITEM 2376 BUT 450 MM DIA.	195.57	RM
2379	SAME AS ITEM 2376 BUT 500 MM DIA.	229.42	RM
2380	SAME AS ITEM 2376 BUT 600 MM DIA.	305.45	RM
2381	SAME AS ITEM 2376 BUT 700 MM DIA.	394.49	RM
2382	SAME AS ITEM 2376 BUT 750 MM DIA.	441.73	RM
2383	SAME AS ITEM 2376 BUT FOR C.I. FLANGED PIPE (VERTICALLY CAST		
	CLASS A) 350 MM DIA.	148.57	RM
2384	SAME AS ITEM 2383 BUT 400 MM DIA.	182.30	RM
2385	SAME AS ITEM 2383 BUT 450 MM DIA.	219.25	RM
2386	SAME AS ITEM 2383 BUT 500 MM DIA.	255.34	RM
2387	SAME AS ITEM 2383 BUT 600 MM DIA.	341.66	RM
2388	SAME AS ITEM 2383 BUT 700 MM DIA.	444.13	RM
2389	SAME AS ITEM 2383 BUT 750 MM DIA.	499.03	RM
2390	SAME AS ITEM 2378 BUT STEEL CYLINDER REINFORCED PIPE (CLAS III)		
	350 MM DIA.	198.17	RM
2391	SAME AS ITEM 2390 BUT 400 MM DIA.	223.35	RM
2392	SAME AS ITEM 2390 BUT 450 MM DIA.	299.12	RM
2393	SAME AS ITEM 2390 BUT 500 MM DIA.	357.16	RM
2394	SAME AS ITEM 2390 BUT 600 MM DIA.	418.63	RM
2395	SAME AS ITEM 2390 BUT 700 MM DIA.	483.53	RM
2396	SAME AS ITEM 2378 BUT 800 MM DIA.	550.08	RM
2397	SAME AS ITEM 2376 BUT 800 MM DIA.	671.58	RM
2398	SAME AS ITEM 2376 BUT 900 MM DIA.	807.86	RM
2399	SAME AS ITEM 2376 BUT 1000 MM DIA.	581.78	RM
2399	SAME AS ITEM 2383 BUT 800 MM DIA.	706.13	RM
2400	SAME AS ITEM 2383 BUT 900 MM DIA.	854.37	RM
2401	SAME AS ITEM 2383 BUT 1000 MM DIA.	639.97	RM
2402	SAME AS ITEM 2390 BUT 900 MM DIA.	1009.45	RM
2403	SAME AS ITEM 2378 BUT 1100 MM DIA.	1177.22	RM
2404	SAME AS ITEM 2378 BUT 1200 MM DIA.	974.25	RM
2405	SAME AS ITEM 2390 BUT 1100 MM DIA.	1252.77	RM
2408	SAME AS ITEM 2390 BUT 1200 MM DIA.		
2407	DISMANTLING OF SPECIAL RUBBER GASKET TYTON JOINTS OF C.I. S &	27.04	JNT
	S ALL CLASS OF PIPES, SPECIALS & FITTINGS 80 - 100 MM DIA.	41.07	JNT
2408	SAME AS ITEM 2407 BUT 125 - 150 MM DIA.	51.26	JNT
2409	SAME AS ITEM 2407 BUT 200 MM DIA.	59.96	JNT
2410	SAME AS ITEM 2407 BUT 250 MM DIA.	72.49	JNT
2411	SAME AS ITEM 2407 BUT 300 MM DIA.	88.28	JNT
2412	SAME AS ITEM 2407 BUT 350 MM DIA.	103.84	JNT
2413	SAME AS ITEM 2407 BUT 400 MM DIA.	113.61	JNT
2414	SAME AS ITEM 2407 BUT 450 MM DIA.	131.89	JNT
2415	SAME AS ITEM 2407 BUT 500 MM DIA.	146.27	JNT
2416	SAME AS ITEM 2407 BUT 600 MM DIA.	162.34	JNT
2417	SAME AS ITEM 2407 BUT 700 MM DIA.	178.56	JNT
2418	SAME AS ITEM 2407 BUT 750 MM DIA.		
2419	DISMANTLING OF C.I. DETACHABLE JOINTS OF A.C. PRESSURE MAIN 50	27.04	JNT
	-100 MM DIA.	41.07	JNT
2420	SAME AS ITEM 2419 BUT 125 - 150 MM DIA.	51.26	JNT
2421	SAME AS ITEM 2419 BUT 200 MM DIA.	59.96	JNT
2422	SAME AS ITEM 2419 BUT 250 MM DIA.	72.49	JNT
2423	SAME AS ITEM 2419 BUT 300 MM DIA.		
2424	DISMANTLING OF C.I. M.H. COVER WITH FRAMES 455 - 610 MM CLEAR	895.28	NO.
	SIZE.	307.43	NO.
2425	DISMANTLING OF C.I. SURFACE BOX 200 - 350 MM SIZE.	156.98	NO.
2426	SAME AS ITEM 2425 BUT UPTO 150 MM SIZE.	447.05	NO.
2427	DISMANTLING SCREWED TYPE AIR VALVE.		
2428	MAKING FERRULE CONNECTION IN 50 - 300 MM DIA. A.C. EXISTING	763.76	CONN
	MAINS WITH 10 OR 15 MM SIZE FERRULE.		

CODE	DESCRIPTION	RATE In Rs.	UNIT
1	2	3	4
2429	INSERTING & FIXING WATER METER OR FITTING SUCH AS STOP COCKS, WHEEL VALVE ETC. UPTO 25 MM DIA. IN EXISTING M.S. GALVANISED PIPES.	548.37	CONN
2430	SAME AS ITEM 2429 BUT 32 - 40 MM DIA.	805.03	CONN
2431	SAME AS ITEM 2429 BUT 50 - 80 MM DIA.	1119.04	CONN
2432	SAME AS ITEM 2429 BUT 100-150 MM DIA.	2014.32	CONN
2433	FIXING OF 10 - 15 MM SIZE BRASS FERRULE-IN EXISTING C.I. OR M.S. GALVANISED PIPE (50 MM & ABOVE).	671.44	CONN
2434	SAME AS ITEM 2433 20 - 25 MM .	950.39	CONN
2435	SAME AS ITEM 2433 32 - 50 MM .	1231.00	CONN
2436	CARTING & PLACING OF C.I. M.H. HEAVY DUTTY 500 - 580 MM (CLEAR OPENING) SIZE.	738.58	NO.
2437	SAME AS ITEM 2348 BUT MEDIUM DUTY (SIZE 610 X 445 MM).	505.26	NO.
2438	SAME AS ITEM 2346 BUT LIGHT DUTTY RECTANGULAR.	313.54	NO.
2439	SAME AS ITEM 2436 BUT MEDIUM OR LIGHT DUTY FOR STANDARD SIZE (250 - 455 MM).	285.72	NO.
2440	CARTAGE & FIXING OF C.I. OR M.S. SURFACE BOX UPTO 200 MM DIA.	199.79	NO.
2441	MAKING I.S.S. THREADS IN 15 - 25 MM DIA. GALVANISED M.S. PIPES.	27.76	END
2442	SAME AS ITEM 2441 BUT 32 - 50 MM DIA.	46.75	END
2443	SAME AS ITEM 2441 BUT 65 - 80 MM DIA.	74.51	END
2444	SAME AS ITEM 2441 BUT 100 - 150 MM DIA.	146.04	END
2445	CARTAGE & FIXING OF SLUICE VALVE OR REFLUX VALVE 50 - 125 MM DIA.	364.88	NO.
2446	SAME AS ITEM BUT 150 - 200 MM DIA.	593.10	NO.
2447	SAME AS ITEM BUT 250 - 300 MM DIA.	1116.21	NO.
2448	SAME AS ITEM BUT 350 - 400 MM DIA.	1527.53	NO.
2449	SAME AS ITEM BUT 450 - 600 MM DIA.	2173.73	NO.
2450	CARTING & FIXING OF 20 - 25 SCREWED DOWN AIR VALVE IN C.I. MAINS.	615.51	NO.
2451	SAME AS ITEM 2450 BUT 85 - 80 MM DIA. FLANGED AIR VALVE OR FIRE HYDRANT OVER EXISTING FLANGED TEE.	352.48	NO.
2452	BORING OF 150 MM DIA. BY PALM & PRESSURE METHOD 0-30 M. DEEP.	412.46	RM
2453	SAME AS ITEM 2452 BUT 31-50 M. DEEP.	457.22	RM
2454	BORING OF 150 MM DIA. BY CASING METHOD 0-30 M. DEEP INCLUDING EXTRACTION OF CASING PIPE.	618.88	RM
2455	SAME AS ITEM 2454 BUT 31-50 M. DEEP.	885.83	RM
2456	LOWERING OF HAND PUMP ASSEMBLY 0-45 M. DEEP.	15.27	RM
2457	INSTALLATION & DEVELOPMENT OF HAND PUMP.	2158.22	NO.
2458	HIRE CHARGES OF BORING T & P AND CARTAGE OF HAND PUMP MATERIAL BY TRACTOR TROLLEY.		L.S.
2459	FILLING COARSE SAND ROUND THE HAND PUMP ASSEMBLY (EXCLUDE COST OF SAND).	223.81	CUM

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
	(C) SEWERAGE & DRAINAGE WORKS:		
3001	EXCAVATION 0.0 - 1.5M DEEP IN ORDINARY SOIL.	192.37	CUM
3002	EXCAVATION 1.5 - 3.0M DEEP IN ORDINARY SOIL.	242.32	CUM
3003	EXCAVATION 3.0 - 4.5M DEEP IN ORDINARY SOIL.	304.80	CUM
3004	EXCAVATION 4.5 - 6.0M DEEP IN ORDINARY SOIL.	357.66	CUM
3005	EXCAVATION 6.0 - 7.5M DEEP IN ORDINARY SOIL.	467.35	CUM
3006	EXCAVATION 7.5 - 9.0M DEEP IN ORDINARY SOIL.	614.95	CUM
3007	EXCAVATION 0.0 - 1.5M DEEP IN SOIL MIXED WITH MOORUM, SHINGLE, KANKAR ETC.(EXTRA OVER ITEM 3001).	28.46	CUM
3008	EXCAVATION 1.5 - 3.0M DEEP IN SOIL MIXED WITH MOORUM, SHINGLE, KANKAR ETC.(EXTRA OVER ITEM 3002).	46.48	CUM
3009	EXCAVATION 3.0 - 4.5M DEEP IN SOIL MIXED WITH MOORUM, SHINGLE, KANKAR ETC.(EXTRA OVER ITEM 3003).	65.19	CUM
3010	EXCAVATION 4.5 - 6.0M DEEP IN SOIL MIXED WITH MOORUM, SHINGLE, KANKAR ETC.(EXTRA OVER ITEM 3004).	83.19	CUM
3011	EXCAVATION 6.0 - 7.5M DEEP IN SOIL MIXED WITH MOORUM, SHINGLE, KANKAR ETC.(EXTRA OVER ITEM 3005).	101.22	CUM
3012	EXCAVATION 7.5 - 9.0M DEEP IN SOIL MIXED WITH MOORUM, SHINGLE, KANKAR ETC.(EXTRA OVER ITEM 3006).	125.30	CUM
3013	EXCAVATION 0.0 - 1.5M DEEP IN HARD ROCK BY CHISELLING.	1127.89	CUM
3014	EXCAVATION 1.5 - 3.0M DEEP IN HARD ROCK BY CHISELLING.	1234.90	CUM
3015	EXCAVATION 3.0 - 4.5M DEEP IN HARD ROCK BY CHISELLING.	1382.15	CUM
3016	EXCAVATION 4.5 - 6.0M DEEP IN HARD ROCK BY CHISELLING.	1508.28	CUM
3017	EXCAVATION 6.0 - 7.5M DEEP IN HARD ROCK BY CHISELLING.	1709.45	CUM
3018	EXCAVATION 7.5 - 9.0M DEEP IN HARD ROCK BY CHISELLING.	1921.11	CUM
3019	EXCAVATION 0.0 - 1.5 DEEP IN MEDIUM ROCK BY CHISELLING OR BY MILD BLASTING.	818.94	CUM
3020	EXCAVATION 1.5 - 3.0 DEEP IN MEDIUM ROCK BY CHISELLING OR BY MILD BLASTING.	1000.24	CUM
3021	EXCAVATION 3.0 - 4.5M DEEP IN MEDIUM ROCK BY CHISELLING OR BY MILD BLASTING.	1109.59	CUM
3022	EXCAVATION 4.5 - 6.0M DEEP IN MEDIUM ROCK BY CHISELLING OR BY MILD BLASTING.	1231.46	CUM
3023	EXCAVATION 6.0 - 7.5M DEEP IN MEDIUM ROCK BY CHISELLING OR BY MILD BLASTING.	1349.41	CUM
3024	EXCAVATION 7.5 - 9.0M DEEP IN MEDIUM ROCK BY CHISELLING OR BY MILD BLASTING.	1506.97	CUM
3025	EXCAVATION 0.0 - 1.5M DEEP IN DECOMPOSED OR SOFT ROCK BY CHISELLING.	839.22	CUM
3026	EXCAVATION 1.5 - 3.0M DEEP IN DECOMPOSED OR SOFT ROCK BY CHISELLING.	964.87	CUM
3027	EXCAVATION 3.0 - 4.5M DEEP IN DECOMPOSED OR SOFT ROCK BY CHISELLING.	1107.93	CUM
3028	EXCAVATION 4.5 - 6.0M DEEP IN DECOMPOSED OR SOFT ROCK BY CHISELLING.	1285.22	CUM
3029	EXCAVATION 6.0 - 7.5M DEEP IN DECOMPOSED OR SOFT ROCK BY CHISELLING.	1558.66	CUM
3030	EXCAVATION 7.5 - 9.0M DEEP IN DECOMPOSED OR SOFT ROCK BY CHISELLING.	1921.64	CUM
3031	BAILING OUT OR PUMPING OUT SUBSOIL WATER.	87.98	CUM
3032	CLOSE TIMBERING IN TRENCHES 0.0 - 3.0M DEEP.	870.23	SQM
3033	CLOSE TIMBERING IN TRENCHES 3.0 - 6.0M DEEP.	1102.61	SQM
3034	CLOSE TIMBERING IN TRENCHES 6.0 - 9.0M DEEP.	1236.02	SQM
3035	CLOSE TIMBERING LEFT IN TRENCHES (UNUSED TIMBERING) 0.0 - 3.0M DEEP.	5154.32	SQM
3036	CLOSE TIMBERING LEFT IN TRENCHES (UNUSED TIMBERING) 3.0 - 6.0M DEEP.	6376.64	SQM
3037	CLOSE TIMBERING LEFT IN TRENCHES (UNUSED TIMBERING) 6.0 - 9.0M DEEP.	6944.79	SQM
3038	CLOSE TIMBERING LEFT IN TRENCHES (USED TIMBERING) 0.0 - 3.0M DEEP.	2105.57	SQM

CODE	DESCRIPTION	RATE In Rs.	UNIT
1	2	3	4
3039	CLOSE TIMBERING LEFT IN TRENCHES (USED TIMBERING) 3.0 - 6.0M DEEP.	2616.29	SQM
3040	CLOSE TIMBERING LEFT IN TRENCHES (USED TIMBERING) 6.0 - 9.0M DEEP.	2864.14	SQM
3041	OPEN TIMBERING IN TRENCHES 0.0 - 3.0M DEEP.	481.86	SQM
3042	OPEN TIMBERING IN TRENCHES 3.0 - 6.0M DEEP.	611.99	SQM
3043	OPEN TIMBERING IN TRENCHES 6.0 - 9.0M DEEP.	732.36	SQM
3044	OPEN TIMBERING LEFT IN TRENCHES (UNUSED TIMBERING) 0.0 - 3.0M DEEP.	2703.27	SQM
3045	OPEN TIMBERING LEFT IN TRENCHES (UNUSED TIMBERING) 3.0 - 6.0M DEEP.	3308.98	SQM
3046	OPEN TIMBERING LEFT IN TRENCHES (UNUSED TIMBERING) 6.0 - 9.0M DEEP.	3887.12	SQM
3047	OPEN TIMBERING LEFT IN TRENCHES (USED TIMBERING) 0.0 - 3.0M DEEP.	1114.91	SQM
3048	OPEN TIMBERING LEFT IN TRENCHES (USED TIMBERING) 3.0 - 6.0M DEEP.	1374.38	SQM
3049	OPEN TIMBERING LEFT IN TRENCHES (USED TIMBERING) 6.0 - 9.0M DEEP.	1613.97	SQM
3050	SHEET PILING IN TRENCHES 0.0 - 3.0M DEEP (SCRAP VALUE OF SHEETS & ANGLES & SALVAGE VALUE OF TIMBER WILL BE DEDUCTED).	2209.68	SQM
3051	SHEET PILING IN TRENCHES 3.0 - 6.0M DEEP (SCRAP VALUE OF SHEETS & ANGLES & SALVAGE VALUE OF TIMBER WILL BE DEDUCTED).	2962.94	SQM
3052	SHEET PILING IN TRENCHES 6.0 - 9.0M DEEP (SCRAP VALUE OF SHEETS & ANGLES & SALVAGE VALUE OF TIMBER WILL BE DEDUCTED).	3790.90	SQM
3053	LAYING, JOINTING 100MM DIA. STONE WARE GLAZED PIPE 0.0 - 1.5M DEEP.	282.51	RM
3054	LAYING, JOINTING 150MM DIA. STONE WARE GLAZED PIPE 0.0 - 1.5M DEEP.	377.77	RM
3055	LAYING, JOINTING 200MM DIA. STONE WARE GLAZED PIPE 0.0 - 1.5M DEEP.	450.03	RM
3056	LAYING, JOINTING 250MM DIA. STONE WARE GLAZED PIPE 0.0 - 1.5M DEEP.	552.75	RM
3057	LAYING, JOINTING 300MM DIA. STONE WARE GLAZED PIPE 0.0 - 1.5M DEEP.	687.43	RM
3058	LAYING, JOINTING 350MM DIA. STONE WARE GLAZED PIPE 0.0 - 1.5M DEEP.	786.86	RM
3059	LAYING, JOINTING 400MM DIA. STONE WARE GLAZED PIPE 0.0 - 1.5M DEEP.	884.88	RM
3060	LAYING, JOINTING 200MM DIA. SEV PIPE 0.0 - 1.5M DEEP.	380.97	RM
3061	LAYING, JOINTING 250MM DIA. SEV PIPE 0.0 - 1.5M DEEP.	464.59	RM
3062	LAYING, JOINTING 300MM DIA. SEV PIPE 0.0 - 1.5M DEEP.	571.00	RM
3063	LAYING, JOINTING OF STONE WARE OR SEV PIPE 1.5 - 3.0M DEEP (EXTRA OVER ITEMS 3053 TO 3062).		5.85%
3064	LAYING, JOINTING OF STONE WARE OR SEV PIPE 3.0 - 4.5M DEEP (EXTRA OVER ITEMS 3053 TO 3062).		12.7%
3065	LAYING, JOINTING OF STONE WARE OR SEV PIPE 4.5 - 6.0M DEEP (EXTRA OVER ITEMS 3053 TO 3062).		21.3%
3066	LAYING, JOINTING OF STONE WARE OR SEV PIPE 6.0 - 7.5M DEEP (EXTRA OVER ITEMS 3053 TO 3062).		30.6%
3067	LAYING, JOINTING OF STONE WARE OR SEV PIPE 7.5 - 9.0M DEEP (EXTRA OVER ITEMS 3053 TO 3062).		41.4%
3068	LAYING, JOINTING 100MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	208.86	RM
3069	LAYING, JOINTING 150MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	263.68	RM
3070	LAYING, JOINTING 250MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	357.31	RM

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
3071	LAYING, JOINTING 300MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	450.69	RM
3072	LAYING, JOINTING 350MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	545.53	RM
3073	LAYING, JOINTING 400MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	597.87	RM
3074	LAYING, JOINTING 450MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	711.04	RM
3075	LAYING, JOINTING 500MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	794.92	RM
3076	LAYING, JOINTING 600MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	921.03	RM
3077	LAYING, JOINTING 700MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	1026.21	RM
3078	LAYING, JOINTING 800MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	1580.32	RM
3079	LAYING, JOINTING 900MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	1822.14	RM
3080	LAYING, JOINTING 1000MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	2097.02	RM
3081	LAYING, JOINTING 1100MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	2453.53	RM
3082	LAYING, JOINTING 1200MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	2832.37	RM
3083	LAYING, JOINTING 1400MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	3566.15	RM
3084	LAYING, JOINTING 1600MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	4390.71	RM
3085	LAYING, JOINTING 1800MM DIA. RCC NP2 HUME PIPE 0.0 - 1.5M DEEP.	5451.30	RM
3086	LAYING, JOINTING RCC NP2 HUME PIPE 1.5 - 3.0M DEEP (EXTRA OVER ITEMS 3088 TO 3085).		6.45%
3087	LAYING, JOINTING RCC NP2 HUME PIPE 3.0 - 4.5M DEEP (EXTRA OVER ITEMS 3088 TO 3085).		13.05%
3088	LAYING, JOINTING RCC NP2 HUME PIPE 4.5 - 6.0M DEEP (EXTRA OVER ITEMS 3088 TO 3085).		20.75%
3089	LAYING, JOINTING RCC NP2 HUME PIPE 6.0 - 7.5M DEEP (EXTRA OVER ITEMS 3088 TO 3085).		31.55%
3090	LAYING, JOINTING RCC NP2 HUME PIPE 7.5 - 9.0M DEEP (EXTRA OVER ITEMS 3088 TO 3085).		46.15%
3091	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 100MM DIA. HUME PIPE.	107.91	NO.
3092	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 150MM DIA. HUME PIPE.	180.26	NO.
3093	PRECAST CEMENT CONCRETE (1:3:8) SADDLE FOR 250MM DIA. HUME PIPE.	247.27	NO.
3094	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 300MM DIA. HUME PIPE.	361.52	NO.
3095	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 350MM DIA. HUME PIPE.	409.32	NO.
3096	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 400MM DIA. HUME PIPE.	461.93	NO.
3097	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 450MM DIA. HUME PIPE.	495.10	NO.
3098	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 500MM DIA. HUME PIPE.	657.12	NO.
3099	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 600MM DIA. HUME PIPE.	778.61	NO.
3100	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 700MM DIA. HUME PIPE.	885.61	NO.
3101	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 800MM DIA. HUME PIPE.	1344.04	NO.

CODE	DESCRIPTION	RATE in Rs.	UNIT
1	2	3	4
3102	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 900MM DIA. HUME PIPE.	1670.27	NO.
3103	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 1000MM DIA. HUME PIPE.	2028.41	NO.
3104	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 1100MM DIA. HUME PIPE.	2661.57	NO.
3105	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 1200MM DIA. HUME PIPE.	3142.73	NO.
3106	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 1400MM DIA. HUME PIPE.	3898.69	NO.
3107	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 1600MM DIA. HUME PIPE.	4530.50	NO.
3108	PRECAST CEMENT CONCRETE (1:3:6) SADDLE FOR 1800MM DIA. HUME PIPE.	5187.19	NO.
3109	DISMANTLING 100MM DIA. OLD S.W. PIPE SEWERS.	61.11	RM
3110	DISMANTLING 150MM DIA. OLD S.W. PIPE SEWERS.	83.04	RM
3111	DISMANTLING 200MM DIA. OLD S.W. PIPE SEWERS.	113.86	RM
3112	DISMANTLING 250MM DIA. OLD S.W. PIPE SEWERS.	146.49	RM
3113	DISMANTLING 300MM DIA. OLD S.W. PIPE SEWERS.	170.38	RM
3114	DISMANTLING 400MM DIA. OLD S.W. PIPE SEWERS.	219.34	RM
3115	DISMANTLING 100MM DIA. RCC NP2 HUME PIPE SEWERS.	68.52	RM
3116	DISMANTLING 150MM DIA. RCC NP2 HUME PIPE SEWERS.	102.82	RM
3117	DISMANTLING 250MM DIA. RCC NP2 HUME PIPE SEWERS.	171.34	RM
3118	DISMANTLING 300MM DIA. RCC NP2 HUME PIPE SEWERS.	205.63	RM
3119	DISMANTLING 400MM DIA. RCC NP2 HUME PIPE SEWERS.	311.48	RM
3120	DISMANTLING 450MM DIA. RCC NP2 HUME PIPE SEWERS.	350.49	RM
3121	DISMANTLING 500MM DIA. RCC NP2 HUME PIPE SEWERS.	389.50	RM
3122	DISMANTLING 600MM DIA. RCC NP2 HUME PIPE SEWERS.	467.33	RM
3123	DISMANTLING 700MM DIA. RCC NP2 HUME PIPE SEWERS.	700.98	RM
3124	DISMANTLING 800MM DIA. RCC NP2 HUME PIPE SEWERS.	801.01	RM
3125	DISMANTLING 900MM DIA. RCC NP2 HUME PIPE SEWERS.	901.34	RM
3126	DISMANTLING 1000MM DIA. RCC NP2 HUME PIPE SEWERS.	955.80	RM
3127	DISMANTLING 1100MM DIA. RCC NP2 HUME PIPE SEWERS.	1051.48	RM
3128	DISMANTLING 1200MM DIA. RCC NP2 HUME PIPE SEWERS.	1147.15	RM
3129	FIXING IND. TYPE WHITE GLAZED EARTHENWARE CLOSET & FOOTRESTS.	1209.93	NO.
3130	FIXING EUR. TYPE WHITE GLAZED EARTHENWARE CLOSET & FOOTRESTS.	1028.14	NO.
3131	FIXING 15 LITRES C.I. FLUSHING CISTERN.	2284.02	NO.
3132	FIXING 10 LITRES C.I. FLUSHING CISTERN.	2089.44	NO.
3133	FIXING 5 LITRES C.I. FLUSHING CISTERN.	1875.27	NO.
3134	FIXING LOW LEVEL FLUSHING CISTERN.	1396.60	NO.
3135	FIXING WHITE GLAZED EARTHENWARE URINALS & WASTE PIPE.	946.23	NO.
3136	FIXING IND. URINAL SQUATTING OF WHITE GLAZED FIRECLAY.	2378.07	NO.
3137	FIXING 400X400 MM SIZE WASH BASIN OF WHITE GLAZED EARTHENWARE.	738.58	NO.
3138	FIXING 450X300 MM OR 550X400 MM SIZE WASH BASIN OF WHITE GLAZED EARTHENWARE.	906.80	NO.
3139	FIXING 600X480 MM OR 630X450 MM SIZE WASH BASIN OF WHITE GLAZED EARTHENWARE.	1063.82	NO.
3140	FIXING 600X450X150 MM OR 600X400X200 MM OR 600X450X250 MM OR 750X450X250 MM SIZE SINK.	979.18	NO.
3141	FIXING 400X250X150 MM OR 450X300X150 MM OR 500X350X150 MM SIZE SINK.	794.53	NO.
3142	FIXING TEAKWOOD, PLASTIC OR ANY OTHER TYPE OF SEAT IN EUROPEAN TYPE WATER CLOSET.	266.90	NO.
3143	MAKING 15 MM DIA. LEAD CONNECTION.	127.00	NO.
3144	FIXING G.I. CHAIN WITH G.I. PLUG.		L.S.
3145	FIXING BRASS CHAIN AND RUBBER PLUG FOR SINK OR LAVATORY BASIN.		L.S.
3146	FIXING 750X450X40 MM THICK WOOD DRAINING BOARD WITH SKIRTING AND HEADING.		L.S.

CODE	DESCRIPTION	RATE In Rs.	UNIT
1	2	3	4
3147	FIXING 550X450 MM OR 450X300 MM SIZE BEVELLED ON PLAIN EDGE MIRROR.	648.44	NO.
3148	FIXING GLASS SHELF WITH SHELF WITH C.P. BRASS BRACKETS AND GUARD RAIL.	356.84	NO.
3149	FIXING 750X20 MM OR 600X20 MM OR 450X20 MM SIZE BRASS TOWEL RAIL.	290.49	NO.
3150	FIXING C.P. BRASS WOODEN OR GLAZED OR VITROUS CHINA "TOILET PAPER HOLDER".	319.40	NO.
3151	FIXING 80 MM DIA. H.C.I. SOIL OR VENT PIPE AND SPECIALS.	205.68	RM
3152	FIXING 100 MM DIA. H.C.I. SOIL OR VENT PIPE AND SPECIALS.	251.08	RM
3153	FIXING 150 MM DIA. H.C.I. SOIL OR VENT PIPE AND SPECIALS.	352.73	RM
3154	MAKING LEAD JOINTS OF 80 MM DIA. H.C.I. PIPES AND SPECIALS.	402.49	JNT
3155	MAKING LEAD JOINTS OF 100 MM DIA. H.C.I. PIPES AND SPECIALS.	552.79	JNT
3156	MAKING LEAD JOINTS OF 150 MM DIA. H.C.I. PIPES AND SPECIALS.	808.93	JNT
3157	FIXING 50 MM DIA. A.C. SOIL OR VENT PIPE WITH SPECIALS.	197.32	RM
3158	FIXING 80 MM DIA. A.C. SOIL OR VENT PIPE WITH SPECIALS.	244.80	RM
3159	FIXING 100 MM DIA. A.C. SOIL OR VENT PIPE WITH SPECIALS.	289.32	RM
3160	MAKING 1:1 CEMENT AND COARSE SAND JOINT OF 50MM DIA. A.C. SOIL OR VENT PIPE & SPECIALS.	134.82	JNT
3161	MAKING 1:1 CEMENT AND COARSE SAND JOINT OF 80MM DIA. A.C. SOIL OR VENT PIPE & SPECIALS.	190.55	JNT
3162	MAKING 1:1 CEMENT AND COARSE SAND JOINT OF 100MM DIA. A.C. SOIL OR VENT PIPE & SPECIALS.	246.20	JNT
3163	SINKING OF WELL 2.5M DIA. (EXTERNAL) IN ORDINARY SOIL 0.0 - 1.5M DEEP.	8051.73	RM
3164	SINKING OF WELL 2.5M DIA. (EXTERNAL) IN ORDINARY SOIL 1.5 - 3.0M DEEP.	11408.76	RM
3165	SINKING OF WELL 2.5M DIA. (EXTERNAL) IN ORDINARY SOIL 3.0 - 6.0M DEEP.	15410.89	RM
3166	SINKING OF WELL 2.5M DIA. (EXTERNAL) IN ORDINARY SOIL 6.0 - 9.0M DEEP.	21677.88	RM
3167	SINKING OF WELL 2.5M DIA. (EXTERNAL) IN ORDINARY SOIL 9.0 - 12.0M DEEP.	26784.03	RM
3168	SINKING OF WELL 2.5M DIA. (EXTERNAL) IN ORDINARY SOIL 12.0 - 15.0M DEEP.	30722.05	RM
3169	SAME AS ITEM 3163 TO 3168 BUT FOR OTHER DIAMETERS (THE RATES SHALL BE PROPORTIONAL TO THEIR AREAS).		RM
3170	SAME AS ITEM 3163 TO 3169 BUT FOR SOFT CLAY (EXTRA OVER ITEMS 3163 TO 3169).		25%
3171	SAME AS ITEM 3163 TO 3169 BUT FOR HARD CLAY (EXTRA OVER ITEMS 3163 TO 3169).		50%
3172	SAME AS ITEM 3163 TO 3169 BUT FOR KANKAR, SHINGLES (EXTRA OVER ITEMS 3163 TO 3169).		75%
3173	KERB & CHANNEL (K&C) DRAINS (ORDINARY) NO. I.	421.07	RM
3174	KERB & CHANNEL (K&C) DRAINS (ORDINARY) NO. II.	485.22	RM
3175	KERB & CHANNEL (K&C) DRAINS (ORDINARY) NO. III.	544.27	RM
3176	KERB & CHANNEL (K&C) DRAINS (ORDINARY) NO. IV.	692.91	RM
3177	100MM DIA. C.C. SEMI CIRCULAR DRAIN.	931.73	RM
3178	150MM DIA. C.C. SEMI CIRCULAR DRAIN.	1018.40	RM
3179	250MM DIA. C.C. SEMI CIRCULAR DRAIN.	1276.02	RM
3180	300MM DIA. C.C. SEMI CIRCULAR DRAIN.	1406.33	RM
3181	400MM DIA. C.C. SEMI CIRCULAR DRAIN.	1647.26	RM
3182	450MM DIA. C.C. SEMI CIRCULAR DRAIN.	1974.49	RM
3183	DISMANTLING & MAKING CONNECTION OF 100MM OR 150MM DIA. DRAIN PIPE WITH C.C. 1:2:4.	415.82	CONN
3184	DISMANTLING & MAKING CONNECTION OF 200,250 & 300MM DIA. DRAIN PIPE WITH C.C. 1:2:4.	680.51	CONN
3185	DISMANTLING & MAKING CONNECTION OF 350,400 & 450MM DIA. DRAIN PIPE WITH C.C. 1:2:4.	1042.73	CONN
3186	FIXING R.C.C. SPUN VENTILATING COLUMN 9.0M LONG.	9993.43	NO.
3187	FIXING C.I. FOOTSTEPS IN THE WALLS.	548.72	NO.

CODE	DESCRIPTION	RATE In Rs.	UNIT
1	2	3	4
3188	FIXING 375X175X40MM (SECTION) R.C.C. FOOTSTEPS WITH 16MM DIA. BAR.	360.94	NO.
3189	EXTRA OVER ITEMS OF CONCRETE, BRICK WORK, D.P.C., PLASTER, POINTING, FLOORING, DEMOLITION & DISMANTLING WORKS OF SCHEDULE OF RATES FOR BUILDING, ROADS & W/S IF EXECUTED FROM 1.5 - 3.0M DEEP.		3%
3190	EXTRA OVER ITEMS OF CONCRETE, BRICK WORK, D.P.C., PLASTER, POINTING, FLOORING, DEMOLITION & DISMANTLING WORKS OF SCHEDULE OF RATES FOR BUILDING, ROADS & W/S IF EXECUTED FROM 3.0 - 4.5M DEEP.		7%
3191	EXTRA OVER ITEMS OF CONCRETE, BRICK WORK, D.P.C., PLASTER, POINTING, FLOORING, DEMOLITION & DISMANTLING WORKS OF SCHEDULE OF RATES FOR BUILDING, ROADS & W/S IF EXECUTED FROM 4.5 - 6.0M DEEP.		12%
3192	EXTRA OVER ITEMS OF CONCRETE, BRICK WORK, D.P.C., PLASTER, POINTING, FLOORING, DEMOLITION & DISMANTLING WORKS OF SCHEDULE OF RATES FOR BUILDING, ROADS & W/S IF EXECUTED FROM 6.0 - 7.5M DEEP.		20%
3193	EXTRA OVER ITEMS OF CONCRETE, BRICK WORK, D.P.C., PLASTER, POINTING, FLOORING, DEMOLITION & DISMANTLING WORKS OF SCHEDULE OF RATES FOR BUILDING, ROADS & W/S IF EXECUTED FROM 7.5 - 9.0M DEEP.		30%
3194	LAYING, JOINTING 350MM DIA. R.C.C. NP3 HUME PIPE 0.0 - 1.5M DEEP.	935.96	RM
3195	LAYING, JOINTING 400MM DIA. R.C.C. NP3 HUME PIPE 0.0 - 1.5M DEEP.	1026.04	RM
3196	LAYING, JOINTING 450MM DIA. R.C.C. NP3 HUME PIPE 0.0 - 1.5M DEEP.	1262.91	RM
3197	LAYING, JOINTING 500MM DIA. R.C.C. NP3 HUME PIPE 0.0 - 1.5M DEEP.	1375.11	RM
3198	LAYING, JOINTING 600MM DIA. R.C.C. NP3 HUME PIPE 0.0 - 1.5M DEEP.	1523.51	RM
3199	LAYING, JOINTING 700MM DIA. R.C.C. NP3 HUME PIPE 0.0 - 1.5M DEEP.	1792.94	RM
3200	LAYING, JOINTING 800MM DIA. R.C.C. NP3 HUME PIPE 0.0 - 1.5M DEEP.	2697.93	RM
3201	LAYING, JOINTING 900MM DIA. R.C.C. NP3 HUME PIPE 0.0 - 1.5M DEEP.	3218.41	RM
3202	LAYING, JOINTING 1000MM DIA. R.C.C. NP3 HUME PIPE 0.0 - 1.5M DEEP.	3728.00	RM
3203	LAYING, JOINTING 1100MM DIA. R.C.C. NP3 HUME PIPE 0.0 - 1.5M DEEP.	4571.49	RM
3204	LAYING, JOINTING 1200MM DIA. R.C.C. NP3 HUME PIPE 0.0 - 1.5M DEEP.	5142.04	RM
3205	LAYING, JOINTING R.C.C. NP3 HUME PIPE 1.5 - 3.0M DEEP (EXTRA OVER ITEMS 3194 TO 3204).	0.00	8.45%
3206	LAYING, JOINTING R.C.C. NP3 HUME PIPE 3.0 - 4.5M DEEP (EXTRA OVER ITEMS 3194 TO 3204).	0.00	13.05%
3207	LAYING, JOINTING R.C.C. NP3 HUME PIPE 4.5 - 6.0M DEEP (EXTRA OVER ITEMS 3194 TO 3204).	0.00	20.75%
3208	LAYING, JOINTING R.C.C. NP3 HUME PIPE 6.0 - 7.5M DEEP (EXTRA OVER ITEMS 3194 TO 3204).	0.00	31.55%
3209	LAYING, JOINTING R.C.C. NP3 HUME PIPE 7.5 - 9.0M DEEP (EXTRA OVER ITEMS 3194 TO 3204).	0.00	46.15%

शुभक,

सामग्री प्रबन्धक,
3090 जल निगम,
लखनऊ ।

सेवा में,

समस्त मुख्य अभियन्ता(सेवा),
3090 जल निगम ।

पत्रांक BSS/कय/सागान्य/(2121-0052)/2015/ 24

दिनांक 27/04/2015

विषय:- केन्द्रीयकृत सामग्री के अन्तर्गत विभिन्न सामग्री की प्रकल्प विवरण हेतु दरों के सम्बन्ध में ।

महोदय,

उपरोक्त विषयक इन कार्यालय के पत्र नं० 7198/कय/सागान्य/2121-0052/2015/116 दिनांक 15.12.2014 के क्रम में केन्द्रीयकृत सामग्री के अन्तर्गत जिन सामग्री की आपूर्ति ली जाती है, उनमें से एन0डी0पी0ई0 एडम एवं 32 फि0पी0 ब्याग, नॉट्रियम क्लोरीड0 पाइप की प्रकल्प विवरण हेतु दरें इस पत्र के साथ संलग्न की जा रही हैं ।

उक्त दरें मात्र प्रकल्प विवरण के उद्देश्य में प्रयोग की जा रही हैं तथा अन्य कार्यों हेतु इन दरों का प्रयोग नहीं किया जाये ।

संलग्नक:- उपरोक्तानुसार ।

भक्तेश्वर,

(एम0डी0 अनवर)
सामग्री प्रबन्धक

पृ०सं० एवं दिनांक उपरोक्तानुसार

प्रतिलिपि निम्नलिखित-को नुसन्तर्प एवं आवश्यक कार्यवाही हेतु प्रेषित:-

1. मुख्य अभियन्ता(वागर/प्राथमिक), 3090 जल निगम, लखनऊ ।
2. समस्त अधीक्षण अभियन्ता/सहायक-प्रबन्धक, 3090 जल निगम ।
3. समस्त अधिरामो अभियन्ता/परिचालना प्रबन्धक, 3090 जल निगम ।

(समीर गोविन्द)

उप सामग्री प्रबन्धक

ANNEXURE-A

(All rates are in Rs.)

Rates for ISI Marked HDPE PIPES conforming to IS 4981:1995 & its latest amendments)

Sl. No.	Dia in mm. Pressure Rating of HDPE Pipes	F.O.R. Destination rates per meter in Rs., any where in U.P. up to stores of consignees, inclusive of all taxes and & duties, third party inspection charges, packing & forwarding charges, transit insurance charges, road transportation charges etc.			
		With Certificate	Excise (Excise Duty is NIL)	Duty Exemption	Without Certificate (Excise Duty is included in rates)
1.	2.	3.		4.	
GRADE-PE-100					
				98.00	
1.	63mm, PN-6			140.00	
2.	75mm, PN-6			198.00	
3.	90mm, PN-6				
4.	110mm, PN-6		282.00		
5.	125mm, PN-6		365.00		
6.	140mm, PN-6		462.00		
7.	160mm, PN-6		600.00		
8.	180mm, PN-6		756.00		
9.	200mm, PN-6		940.00		
10.	63mm, PN-8			126.00	
11.	75mm, PN-8			178.00	
12.	90mm, PN-8			256.00	
13.	110mm, PN-8		365.00		
14.	125mm, PN-8		471.00		
15.	140mm, PN-8		593.00		
16.	160mm, PN-8		772.00		
17.	180mm, PN-8		975.00		
18.	200mm, PN-8		1210.00		
19.	63mm, PN-10			154.00	
20.	75mm, PN-10			218.00	
21.	90mm, PN-10			313.00	
22.	110mm, PN-10		440.00		
23.	125mm, PN-10		567.00		
24.	140mm, PN-10		714.00		
25.	160mm, PN-10		932.00		
26.	180mm, PN-10		1178.00		
27.	200mm, PN-10		1464.00		

NOTE: 1) HDPE Pipes are to be supplied in 5m or 6m length, or in Coil form for following dia. in lengths as detailed below.

- i) 63 MM = 50 M to 300 M length.
- ii) 75 MM = 50 M to 250 M length.
- iii) 90 MM = 50 M to 200 M length.
- iv) 110 MM = 50 M to 100 M length.

Length of coil may be as per requirement of consignees but upto maximum lengths as mentioned above.

2) The rates are inclusive of presence of Supervisory/Technical Staff of the firm during laying and sectional testing of supplied pipes.

(A.K. Ashana)
Accountant-P

(Vivek Kishwaha)
A.P.P

(M. I. Anwar)
Materials Manager

(Sumit Govil)
Dy. Materials Manager

CROSS SECTION OF HOUSE CONNECTION FOR GHAZIABAD WATER SUPPLY SCHEME

For 110mm Dia PVC/ HDPE Pipe

ROAD LABEL Using ZWCAD 2012 Trial

Version Please Contact

WWW.ZWSOFT.COM for detailed

For 20 mm Dia (OD) WIRE TIE (EXP. 20/14)

4000

110 mm dia Saddle Clamp

110 mm dia PVC/HDPE Pipe

750

1100

13mm Dia End Plug

All dimension in MM

CROSS SECTION OF HOUSE CONNECTION	
SCALE - NTS	CMG- 81
Dr.	S.E. <i>[Signature]</i>
	S.E. <i>[Signature]</i>

OFFICE OF THE EXECUTIVE ENGINEER, ADDITIONAL PROJECT DIVISION
U.P. Jal MGNAL, Ghaziabad (U.P.)

ANNEXURE



ए० के० गुप्ता
अपर निदेशक
A.K. GUPTA
Additional Director



उ० प्र० जल नियंत्रण विभाग
19-12-15
rcues
Lucknow

क्षेत्रीय नगर एवं पर्यावरण अध्ययन केंद्र
(राष्ट्रीय विद्युत संवर्धन कार्यालय)
Regional Centre for Urban & Environmental Studies, Lucknow
Ministry of Urban Development, Government of India

शेखर जी,

कार्यालय मु० प्र० (एन० ३००/आ० ००००)
आवृत्ति सं० ३८६
दिनांक २१-१२-१५

निदेशक/निदेशक (अभूत योजना),
राज्यीय विद्युत निदेशकालय,
आवृत्ति सं०, इन्दिरा नगर,
लखनऊ।

विषय: अभूत योजना के अन्तर्गत राज्य स्तरीय तकनीकी समिति के गठन के संबंध में।

शहरेद्वय,

अभूत योजना के अन्तर्गत मुख्य शहरीय, परतार प्रदेश शहरों की अद्यतनता में शहरीय राज्य स्तरीय उन्मूलनकार्य समिति की बैठक दिनांक ४.१२.२०१५ को कि शहरों के परतार प्रदेश ३३३९/ग०/सी-३-२०१५-१९०१३/२०१५टीसी दिनांक ४.१२.२०१५ के द्वारा निर्दिष्ट की गई है कि दिनांक ३०/१२/१५ में शहरीय, परतार प्रदेश शहरों की अद्यतनता में राज्य स्तरीय तकनीकी समिति के गठन को स्वीकृति प्रदान की गई थी। इस समिति का स्वरूप निम्नानुसार है-

- | | | |
|---------------------------------------|---|---------|
| १. उच्चि, नगर विकास | - | अध्यक्ष |
| २. निदेशक, मुक्त | - | सदस्य |
| ३. परतार प्रदेश निदेशक, विद्युत वितरण | - | सदस्य |
| ४. मुख्य कार्य एवं नगर नियोजन | - | सदस्य |
| ५. उपर निदेशक, आराधनी १००००००० | - | सदस्य |
| ६. निदेशक, मुक्त/अन्य विभाग | - | सदस्य |
| ७. परतार प्रदेश निदेशक, ३००० जल निगम | - | सदस्य |
| ८. शहरीय अभियंता, लोक निर्माण विभाग | - | सदस्य |
| ९. निदेशक/निदेशक, राष्ट्रीय विभाग | - | सदस्य |

यहाँ पर भी उल्लेख किया है कि दिनांक १३.१२.२०१५ को एन० ३००/आ० ०००० के द्वारा परतार प्रदेश राज्य का State Annual Action Plan (SAAP) स्वीकृत कर दिया गया है। इस संबंध में उचित होगा कि जिन कार्यालयों द्वारा अद्यतनता, शहरीय तथा कार्य की DPR तैयार करती गई हो, जो उन DPR की स्वीकृति हेतु कार्यालयों द्वारा समिति को प्रेषित करने में परतार प्रदेश आगुल कर नी जाए, विचारों कि State Annual Action Plan (SAAP) में जिन शहरों का निर्धारण २०१३-१४ के लिए किया गया है, कि प्रेषित हो सके।

SE (N.A.)
S. K. Chandra

EE (S)/C
30/12/15

शहरीय
(परतार प्रदेश)

प्रतिक्रिया:

- शहरीय, नगर विकास विभाग, अनुभाग-३, ए० प्र० ३००/आ० ००००, लखनऊ को इस संबंध में उचित होगा कि उक्त समिति को कार्यालय प्रेषित करते हुए बैठक आयोजन करने का कष्ट करें।
- मुख्य अभियंता, ३००० जल निगम, नगर को इस अनुसंधान के साथ प्रेषित कि State Annual Action Plan (SAAP) की प्रतिक्रिया ज्ञापन को उपलब्ध कराई जा चुकी है। जहाँ ३००० जल निगम में जो परियोजनाएँ (SAAP) के अन्तर्गत प्रस्तावित हैं उनको DPR तैयार करने में परतार प्रदेश राज्य स्तरीय तकनीकी समिति के गठन से उपलब्ध कराती जाए, विचारों कि DPR की स्वीकृति के परतार प्रदेश कार्य प्रारम्भ करावे जा सके।
- शहरीय, नगर विकास विभाग, आराधनी १००००००० को शहरीय एवं इस अनुसंधान के साथ प्रेषित कि परतार प्रदेश से सम्बन्धित कार्यों का संतुलन इत्यादि का कार्य प्रारम्भ करने का कष्ट करें।

(परतार प्रदेश)

उ.प्र.जल निगम, प्रधान कार्यालय, ६-राणा प्रताप मार्ग, लखनऊ-२२६००१

पत्रांक: 18/1005/UIDSSMT/035-0300/15, दिनांक: 22.12.2015

अभूत कार्यक्रम के अन्तर्गत राज्य स्तरीय तकनीकी समिति के गठन के संबंध में उपरोक्त पत्र की प्रति समस्त क्षेत्रीय मुख्य अभियंता, उ.प्र. जल निगम, आगरा/इलाहाबाद/गाजियाबाद/गोरखपुर/आँसी/लखनऊ/काणपुर/फैजाबाद/मुरादाबाद/वाराणसी को सूचनाएँ एवं आवश्यक कार्यवाही हेतु प्रेषित

कार्यालय मुख्य अभियंता (गा० क्षेत्र), उ० प्र० जल निगम गाजियाबाद

पत्रांक: 3329/वै/न/ दिनांक 31-12-15

उपरोक्त की प्रति निम्नलिखित सूचनाएँ एवं आवश्यक कार्यवाही हेतु प्रेषित।

- क्षेत्रान्तर्गत समस्त अधीक्षण अभियंता/महाप्रबन्धक, ३००० जल निगम।
- क्षेत्रान्तर्गत समस्त अधीक्षक अभियंता/परियोजना प्रबन्धक, ३००० जल निगम।

मुख्य अभियंता (गा० क्षेत्र)



उत्तर प्रदेश जल निगम

प्रधान कार्यालय, 6-राणा प्रताप मार्ग, लखनऊ-226001

पत्रांक: 189/1005/035-0300/UIDSSMT/15, दिनांक: 12.2015

सेवा में:

समस्त क्षेत्रीय मुख्य अभियन्ता,
उ.प्र. जल निगम,
वाराणसी/इलाहाबाद/लखनऊ/गाजियाबाद/गोरखपुर/मुरादाबाद/
झांसी/आगरा/फैजाबाद/कानपुर।

विषय: Atal Mission for Rejuvenation and Urban Transformation (AMRUT) कार्यक्रम के अन्तर्गत प्राक्कलन विरचन व निर्माण के कार्य के सम्बन्ध में

महोदय,

उपरोक्त विषयक शासन के कार्यालय ज्ञाप सं 8457/नौ-5-2015-227सा/2015 लखनऊ दि 22 दिसम्बर 2015 द्वारा अमृत कार्यक्रम के अन्तर्गत प्राक्कलन विरचन व निर्माण के कार्य सम्पादित कराये जाने हेतु उ.प्र. जल निगम/सी.एण्ड.डी.एस. को नामित किया गया है।

इस कार्यालय के पत्रांक 179/1005/035-0300/UIDSSMT/15, दिनांक 21.12.2015 द्वारा आपसे पुर्य में अनुरोध किया गया है कि भारत सरकार द्वारा नामित APEX कमेटी द्वारा उं0प्र0 राज्य का स्टेट एन्युअल एक्शन प्लान(SAAP) की स्वीकृति के आधार पर परियोजनाओं का विरचन प्राथमिकता पर किया जाना है। सभी क्षेत्रीय मुख्य अभियन्ताओं को email द्वारा SLIP एवं SAAP की प्रति उपलब्ध करा दी गयी है तथा प्राक्कलन विरचन कर मुख्यालय भेजने हेतु तिथियां भी निर्धारित करा दी गई थी।

उक्त स्वीकृत SLIP एवं SAAP के आधार पर परियोजनाओं का विरचन समय बद्ध रूप से किये जान हेतु समस्त सम्बन्धित अधिकारियों को निर्देशित करने का कष्ट करें। जे.एन.एन.यू.आर.एम. में निर्धारित सभी प्रासंगिक तथा सम्बन्धित तकनीकी तथा वित्तीय मानक अमृत मिशन में लागू होंगे। फार्म 'जे' में आकस्मिकतार (contingencies), लेबर सेस व सेन्टेज राज्यांश में दर्शाया जाय। प्राक्कलनों में एक रुपय हेतु Form 'J' और Water Supply एवं Sewer के House Connection के Unit Estimate व Drawing संलग्न हैं। उक्त Unit Estimates में क्षेत्राधार दर्शाए SOR के अनुरूप संशोधित कर लिया जाय।

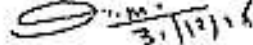
परियोजना की आवश्यकता एवं प्राक्कलन विरचन के सम्बन्ध में स्थानिय निगम से प्रस्ताव प्राप्त कर प्राक्कलन में अवश्य संलग्न करें।

आपसे सभी से पुनः अनुरोध है कि अपने क्षेत्र से सम्बन्धित प्राक्कलन प्राथमिकता पर विरचन कर AMRUT कार्यक्रम के अन्तर्गत State Level Technical Committee (SLTC) को technical appraisal हेतु समयान्तर्गत प्रेषित करने का कष्ट करें ताकि कार्यों को समय से सम्पादित कराया जा सके।

कृपया उक्त को प्राथमिकता प्रदान करें।

संलग्नक: उपरोक्तानुसार।

भवदीय:


(एम. सी. जोशी)

मुख्य अभियन्ता (एन0यू0आर0एम0)

पृष्ठ सं. एवं दिनांक उपरोक्तानुसार:-

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित-

1. निदेशक, स्थानीय निकाय निदेशालय, लखनऊ, उत्तर प्रदेश,
2. प्रबंध निदेशक, उ. प्र. जल निगम, लखनऊ, उत्तर प्रदेश।

मुख्य अभियन्ता (एन0यू0आर0एम0)

(C)

उत्तर प्रदेश शासन
नगर विकास अनुभाग-5

कार्यालय मु०अ० (एन०यू०अर०एम०) संख्या-5457/नौ-5-2015-227सा/2015
डाकरी नं० 990 लखनऊ: दिनांक 22 दिसम्बर, 2015
दिनांक 3-12-2015



C.E (U/A/G)

कार्यालय ज्ञाप

अज्ञेय विवेक

शहरी विकास मन्त्रालय, भारत सरकार द्वारा नव घोषित योजनाओं/कार्यक्रम विशेष कर अटल मिशन फॉर रिजुवनेशन एण्ड अर्बन ट्रांसफॉर्मेशन (AMRUT-Atal Mission for Rejuvenation and Urban Transformation), स्मार्ट सिटी मिशन, स्वच्छ भारत मिशन, हाउसिंग फॉर आल, हेरिटेज सिटी विकास एवं आगोमेन्टेशन योजना, हृदय (HRIDAY) के प्रदेश में क्रियान्वयन के परिप्रेक्ष्य में राज्य सरकार एवं राज्य मिशन निदेशक/निदेशक, नगर विकास निदेशालय, उ०अ० को आवश्यक सहयोग प्रदान किये जाने हेतु कार्यालय ज्ञाप संख्या-4466(1)/नौ-5-15-227सा/2015, दिनांक 30.07.2015 द्वारा क्षेत्रीय नगर एवं पर्यावरण अध्ययन केन्द्र, लखनऊ को रिसोर्स-सेन्टर नामित किया गया है। अतः रिसोर्स सेन्टर के रूप में क्षेत्रीय नगर एवं पर्यावरण अध्ययन केन्द्र, लखनऊ द्वारा विभिन्न योजनाओं/कार्यक्रमों के अन्तर्गत दायित्वों के निर्वहन हेतु एतद्वारा निम्नानुसार दायित्वों, शर्तों एवं प्रतिबन्धों को निर्धारित किये जाने पर श्री राज्यपीठ सहर्ष स्वीकृति प्रदान करते हैं-

(1) अटल मिशन फॉर रिजुवनेशन एण्ड अर्बन ट्रांसफॉर्मेशन (AMRUT-Atal Mission for Rejuvenation and Urban Transformation)

- 1- कार्यक्रम के अन्तर्गत स्टेट मिशन डायरेक्टर/निदेशक, नगर विकास, उ०अ० को नगरीय निकायों के सर्वोत्तम इन्फ्रस्ट्रक्चर तैयार करने में सहयोग प्रदान करना।
- 2- राज्य स्तर पर स्टेट एनुअल एक्शन प्लान (SAAP) को तैयार करने तथा स्टेट एनुअल एक्शन प्लान को राज्य स्तरीय समिती तथा केन्द्रीय समिती में स्वीकृति हेतु राज्य सरकार एवं मिशन डायरेक्टर को सहयोग प्रदान करना।
- 3- राज्य स्तर पर राज्य के मिशन निदेशक तथा नगरीय विकास स्तर पर प्रस्तावित सुधारों के क्रियान्वयन में सहयोग प्रदान करना।
- 4- योजना के अन्तर्गत नगरीय निकायों के प्रशिक्षण एवं क्षमता संवर्धन से सम्बन्धित कार्यों की कार्य योजना बनाये जाने/क्रियान्वयन में सहयोग प्रदान किया जाना।
- 5- योजना के अन्तर्गत विभिन्न प्रकार के अध्ययन, कार्यशास्तों, शोध अध्ययन, आईईटी गतिविधियों की कार्ययोजना में स्टेट मिशन निदेशक को सहयोग प्रदान करना।
- 6- योजना से सम्बन्धित राज्य स्तर पर मिशन निदेशक द्वारा सौंपे गये अन्य कार्य।

SE (NUR)

मु० अ० (नगर) 39
30/12/15

स्मार्ट सिटी मिशन

- इस योजना के अन्तर्गत राज्य स्तर पर मिशन डायरेक्टर तथा नगरीय निकायों के स्तर पर स्मार्ट सिटी के काम में सहयोग प्रदान करना।
- स्मार्ट सिटी प्लान बनाये जाने हेतु कन्सल्टेंट के चयन व डायग्राम तैयार किये जाने हेतु राज्य सरकार व राज्य मिशन निदेशक को सहयोग प्रदान करना।
- 3- नगरीय निकायों के कर्मियों को प्रशिक्षण एवं क्षमता संवर्धन, शोध अध्ययन, क्षेत्रीय अध्ययन, एकापोजर विजिट, कार्यशास्ता इत्यादि की कार्य योजना तैयार करने/क्रियान्वयन में सहयोग।
 - 4- स्मार्ट सिटी प्लान के मूल्यांकन इत्यादि में राज्य सरकार एवं राज्य मिशन निदेशक को सहयोग प्रदान करना।
 - 5- इस योजना से सम्बन्धित राज्य एवं राज्य मिशन निदेशक द्वारा सौंपे गये अन्य दायित्व।

FE (U)
All SE/GM

4/1/2016

(3) स्वच्छ भारत मिशन कार्यक्रम

- 1- स्वच्छ भारत मिशन के अन्तर्गत राज्य एवं राज्य मिशन निदेशक को स्वच्छ भारत मिशन कार्यक्रम के क्रियान्वयन में सहयोग प्रदान करना।
- 2- स्वच्छ भारत मिशन के अन्तर्गत अपेक्षित कार्य योजना तैयार किये जाने में सहयोग प्रदान किया जाना।
- 3- योजना अन्तर्गत राज्य मिशन निदेशक के स्तर पर गठित प्रोजेक्ट मैनेजमेन्ट यूनिट (पीएमयू) को सहयोग प्रदान किया जाना।
- 4- स्वच्छ भारत मिशन के अन्तर्गत नगर निकायों के कर्मियों के क्षमता संवर्धन से सम्बन्धित कार्यों की कार्य

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CE राजियाबाद

-2-

- 5- कार्यक्रम के अन्तर्गत विभिन्न प्रकार के शोष अध्ययन, क्षेत्र अध्ययन, कार्यशाताएँ, एक्सपोजर लिमिट तथा गार्ड-ई.सी. प्रतिविधियों की कार्य योजना तैयार किये जाने में सहयोग।
- 6- कार्यक्रम के क्रियान्वयन में नगरीय निकायों हेतु विभिन्न प्रकार के डाक्यूमेंट को तैयार करने में राज्य एवं स्टेट मिशन डायरेक्टर व नगरीय निकायों को सहयोग प्रदान करना।
- 7- योजना को अनुमति एवं क्रियान्वयन में स्टेट मिशन निदेशक तथा राज्य सरकार को सहयोग प्रदान करना।
- 2- सन्दर्भित योजनाओं/कार्यक्रमों के अन्तर्गत पेयजल, सीवरेज, ड्रेनेज तथा सॉलिड वेस्ट मैनेजमेन्ट के प्राक्कलन विवरण व निर्माण के कार्य उत्तर प्रदेश जल निगम/सीएण्डडीएस, उ०प्र० जल निगम द्वारा सम्पादित कराये जायेंगे। -

श्रीप्रकाश सिंह
सचिव।

खिा-5457(1)/नो-5-2015 तददिनांक

- प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित :
- 1- निजी सचिव, मा० भंडी जी, नगर विकास विभाग।
 - 2- सचिव, भारत सरकार, शहरी विकास मंत्रालय, निर्माण भवन, नई दिल्ली।
 - 3- स्टेट मिशन डायरेक्टर (अभूत/स्मार्ट सिटी/स्वच्छ भारत मिशन)/निदेशक, नगर निकाय, उ०प्र० लखनऊ।
 - 4- मिशन निदेशक (स्वच्छ भारत), भारत सरकार, शहरी विकास मंत्रालय, नई दिल्ली।
 - 5- समस्त गण्डलायुक्त/जिलाधिकारी, उत्तर प्रदेश।
 - 6- समस्त नगर आयुक्त, नगर निगम, उत्तर प्रदेश।
 - 7- निदेशक, सूडा, उत्तर प्रदेश।
 - 8- समस्त अधिवासी अधिकारी, नगर पौलिका परिषद्/नगर पंचायत, उत्तर प्रदेश (सारा जिलाधिकारी)।
 - 9- नगर विकास विभाग के समस्त अनुभाग/गंगासेल/सूडा।
 - 10- प्रबंध निदेशक, उत्तर प्रदेश जल निगम, लखनऊ।
 - 11- निदेशक, सी०एण्डडी०एस०, उत्तर प्रदेश जल निगम, लखनऊ।
 - 12- निदेशक/संयुक्त निदेशक, क्षेत्रीय नगर एवं पर्यावरण अध्ययन केन्द्र, लखनऊ।
 - 13- गार्ड फाईल/कम्प्यूटर रोल।

अज्ञा मे,
(उमाशंकर सिंह)
विशेष कार्यधिकारी

उ.प्र.जल निगम, प्रधान कार्यालय, 6-राणा प्रताप मार्ग, लखनऊ-226001

पत्रांक: • 187 /1005/UIDSSMT/035- 0300/15. दिनांक: 31.12.2015

अभूत कार्यक्रम के अन्तर्गत प्राक्कलन विवरण व निर्माण के कार्य उ. प्र. जल निगम/सी.एण्ड.डी.एस. द्वारा सम्पादित कराये जाने के सम्बन्ध में उपरोक्त पत्र की प्रति समस्त क्षेत्रीय मुख्य अभियंता, उ.प्र. जल निगम, आगरा/इलाहाबाद/गुप्तगंगाबाद/ गोरखपुर/झांसी/लखनऊ/कानपुर/फैजाबाद/मुरादाबाद/वाराणसी को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित

(रवीन्द्र बोरा)
अधीक्षण अभियन्ता (एन०यू०आर०एम०)

25

कार्यालय:- नगरपालिका परिषद, लोनी (गाजियाबाद)

पत्रांक: 1306/न0पा0प0/अमृत योजना- पेयजल प्रस्ताव/2015-16 दिनांक: 12-01-2016

सेवा में,

परियोजना अभियन्ता,
प्रथम यमुना प्रदूषण नियंत्रण इकाई-यूनिट-1
उ0प्र0 जलनिगम गाजियाबाद-

विषय:- नगरपालिका परिषद द्वारा अमृत मिशन योजना में पेयजल का प्रस्ताव के सम्यन्ध में

महोदय,

कृपया उपरोक्त विषयक के संदर्भ में निवेदन के साथ अवगत कराना है, कि पेयजल योजना में निकाय को अपनी सीमा के अन्तर्गत निम्न स्थानों पर पम्प (ट्यूबवैल) स्थापित किये जाने की आवश्यकता है :---

- 1- वा0 38 मौ0 रामविहार में
- 2- वा0 28 मौ0 नवीन कूज में
- 3- वा0 04 मौ0 अमितविहार में
- 4- वा0 13 मौ0 गुलाब वाटिका में
- 5- वा0 21 मीना बाजार (निकट प्रा0पा0)
- 6- वा0 40 मौ0 रूपनगर में

कृपया निकट भविष्य में अमृत मिशन योजना कार्यक्रम के अन्तर्गत उपरोक्त स्थानों पर पम्पों की स्थापना की कार्यवाही सुनिश्चित करने का कष्ट करें।

भवदीय

(डा0 धीरेंद्र कुमार राय)
अभियन्ता
नगरपालिका परिषद लोनी
गाजियाबाद

City Name - Loni

Water Supply

1. Assess the Service Level Gap

The first step is to assess the existing situation and service levels gaps for Water Supply (AMRUT Guidelines; para 3 & 6). This will also include existing institutional framework for the sector. AMRUT is focused on improvement in service levels. The zone wise data shall be used in identifying the gaps. These zone-wise gaps will be added to arrive at city level service gaps. While assessing service level gap reply following questions not more than word indicated against each question.

Question: What kind of baseline information is available for water supply system of the city? Detail out the data, information, plans, reports etc related to sector. Is zone wise information available? (75 words)

Master plan with regulatory authority, water supply DPR with Jal Nigam and water supply details are available with Nagar palika Loni. Zone wise information is available.

Question: Have you collected census 2011 data? Are you aware of baseline survey data of MoUD? Have you correlated data from these and other sources? (75 words)

Location of source of drinking water	Total Number of Households	Tap Water from treated source
Total Population= 512296		
Total	91138	21912
Within the premises	63370	17115
Near the premises	20726	3895
Away	7042	902
Departmental Data	91138	18775

What are existing service levels for water supply in the city? What is the coverage of water supply connections? What is per capita supply of water? How much is the extent of metering? How much is non-revenue water? Provide information in table

Table: Status of Water Supply service levels

Sr. No.	Indicators	Present Status	MOUD Benchmark	Reliability
1	Coverage of water supply connections (18775/91138)	20.60%	100%	D
2	Per capita supply of water (45 MLD /0.512)	88 LPCD	135 LPCD	D

Sr. No.	Indicators	Present Status	MOUD Benchmark	Reliability
3	Extent of metering of water connections	0%	100%	A
4	Extent of non-revenue water	40%	20%	D
5	Quality of water supplied	70%	100%	D
6	Cost recovery in water supply services	50%	100%	D
7	Efficiency in collection of water supply related charges	30%	90%	D

Question: What is the gap in these service levels with regard to benchmarks prescribed by MoUD? (75 words)

As per above table it is clear that gap in service levels is as under:

1. Gap in coverage of water supply is 79.40%
2. Gap in Per capita water availability is about 47 LPCD.
3. Gap in Metering is 100%.
4. NRW is about 20%
5. Gap in Quality of supplied ofwater is 50% as per PHE norms.
6. Gap in Cost recovery is 50%
7. Gap in efficiency of water charges/tax collection is about 60%.

SOURCE OF WATER AND WATER TREATMENT SYSTEM.

Please provide information in 150 words on the above responding to (however not limited to) following questions.

Question: What is the existing source of water? Is it surface water source or under ground water source? What is the capacity of these sources?

Ground water -45 Tube,-well avg Discharge = 1.0 with the capacity of - 45MLD

Question: Is there any treatment provided to water from these sources? How much water is required to be treated daily? What is the treatment capacity installed in the city?

Yes, for the underground water system we provide chlorination by dozer system.

Question: What per capita water supply in LPCD (liter per capita per day) comes out, if you divide total water supply by the total population.?

Per capita water supply = $45/0.512 = 88$ LPCD.

DISTRIBUTION ZONES

Please provide information in 150 words on the above responding to (however not limited to) following questions.

Question: City is divided in how many zones for water supply?

City has divided in 14 zone.

Table: Zone Wise Coverage of Households

Question: Provide details of total no of Households (HH) in each zone, no of HH with and without water tap connections in the Table

Zone No.	Total No. of Households	Households with Water tap Connection	Households without Water tap Connection
1	7110 HH	915 HH	6195 HH
2	7552 HH	1118 HH	6434 HH
3	5725 HH	1475 HH	4250 HH
4	6320 HH	1312 HH	5008 HH
5	6415 HH	1082 HH	5333 HH
6	6074 HH	1590 HH	4484 HH
7	5935 HH	818 HH	5117 HH
8	5975 HH	1235 HH	4740 HH
9	5636 HH	1325 HH	4311 HH
10	6223 HH	1423 HH	4800 HH
11	6138 HH	1875 HH	4263 HH

Zone No.	Total No. of Households	Households with Water tap Connection	Households without Water tap Connection
12	6983 HH	1942 HH	5041 HH
13	8769 HH	1165 HH	7604 HH
14	6283 HH	1500 HH	4783 HH
Total	91138HH	18775HH	72363HH

STORAGE OF WATER

Please provide information in 150 words on the above responding to (however not limited to) following questions.

Question: What is the total water storage capacity in the city? What is capacity of elevated and ground water reservoirs?

Total storage capacity of NPP Lonl is 18.7MLcapacities, no of OHT is 12 nos.

Question: In case of surface water, does city need to have ground level reservoirs to store raw treated water?

No Surface water in Lonlcity, city dependent on ground water.

Question: Is water being supplied to consumers through direct pumping or through elevated reservoirs?

NPP Lonl supplied water supply through only OHT.

Question: Is storage capacity sufficient to meet the cities demand?

No, Total water Demand $135 \times 0.512 = 69.15$ MLD Therefore storage Capacity $= 70/3 = 24$ ML. and existing storage capacity is 18.7 (24 ML-18.7) = 5.3 ML Gap

DISTRIBUTION NETWORK

Please provide information in 150 words on the above responding to (however not limited to) following questions.

Question: What is the total length of water supply distribution pipe line laid in the city?

Total length of water supply distribution pipe line laid in the city 651 Km.

Question: What is the total road length in the city? Is the pipe lines are laid in all streets? Is the objective of universal coverage of water supply pipe line is achieved?

The total road length in the city 807 KM, for universal coverage we required 156 km more pipeline.

Question: What are the kind of pipe materials used in distribution lines?

CI, DI, PVC etc. pipe material are being used

Question: Provide zone wise details of street length with and without water distribution lines in the Table?

Table: Zone Wise length of distribution network

Zone No.	Total Street Length	Street length with water distribution pipe line	Street length without water distribution pipe line
Zone No.1	45 Km.	38 Km.	7 Km.
Zone No.2	58 Km.	52 Km.	6 Km.
Zone No.3	72 Km.	64 Km.	8 Km.
Zone No.4	55 Km.	48 Km.	7 Km.
Zone No.5	50 Km.	42 Km.	8 Km.
Zone No.6	68 Km.	62 Km.	6 Km.
Zone No.7	70 Km.	60 Km.	10 Km.
Zone No.8	40 Km.	30 Km.	10 Km.
Zone No.9	55 Km.	40 Km.	15 Km.
Zone No.10	75 Km.	60 Km.	15 Km.
Zone No.11	60 Km.	40 Km.	20 Km.

Zone No.	Total Street Length	Street length with water distribution pipe line	Street length without water distribution pipe line
Zone No.12	62 Km.	50 Km.	12 Km.
Zone No.13	55 Km.	40 Km.	15 Km.
Zone No.14	42 Km.	25 Km.	17 Km.
Total	807 Km.	651 Km.	156 Km.

INSTITUTIONAL FRAMEWORK

Please provide information in 150 words on the above responding to (however not limited to) following questions.

Question: Define role and responsibilities in terms of O&M, policy planning, funding, service provision in table

Table: Functions, roles, and responsibilities

Planning and Design	Construction/ Implementation	O&M
UP Jal Nigam	UP Jal Nigam	ULB's

Question: How city is planning to execute projects ?

NPP Lonl plan the first universal coverage of water supply &and augmentation of water supply and then NPP has reduce the NRW ,Energy efficiency and Increase the cost recovery in water supply system.

Question: Shall the implementation of project be done by Municipal Corporation or any parastatal body? Please refer para 8.1 of AMRUT guidelines.

Implementation of the project shall be done by Nagar PalikaParishadLonl as well as State Level Parastatal Agency U.P. Jal Nigam. Nagar PalikaParishadLonlwill follow the para 8.1 of the AMRUT Guidelines while execution of the project.

2. Bridge the Gap

Once the gap between the existing Service Levels is computed, based on initiatives undertaken in different ongoing programs and projects, objectives will be developed to bridge the gaps to achieve universal coverage. (AMRUT Guidelines; para 6.2 & 6.3, Annexure-2; Table 2.1). Each of the Identified

objectives will be evolved from the outcome of assessment and meeting the opportunity to bridge the gap.

Question: List out initiatives undertaken in different ongoing programs and projects to address these gaps. For this provide details of ongoing projects being carried out for sector under different schemes with status and when the existing projects are scheduled to be completed? Provide information in Table

Table: Status of Ongoing/ Sanctioned— No ongoing project

S.No.	Name of Project	Scheme Name	Cost	Month of Completion	Status (as on dd mm 2015)
-	-	-	-	-	-

Question: How much the existing system will able to address the existing gap in water supply system? Will completion of above will improve the coverage of network and collection efficiency? If yes, how much. (100 words)

No Ongoing Project.

Question: Does the city require additional infrastructure to improve the services? What kind of services will be required to fulfill the gap?

Yes city requires additional infrastructure to improve the universal coverage, increase per capita water supply, to reduce NRW water, energy efficiency and increase operational efficiency.

Question: How does the city visualize taking the challenge to rejuvenate the projects by changing their orientation, away from expensive asset replacement programs, to focusing on optimum use of existing assets?

Yes NPP Lonl has more focus on universal coverage of water supply system. With optimum use of existing infrastructure system.

Question: Has city conducted assessment of Non Revenue Water? if yes, what is the NRW level? Is city planning to reduce NRW?

No, but in future NPP has planned to assess of NRW and reducing of it with the help of modernization with automation system.

Question: Based on assessment of existing infrastructure and ongoing / sanctioned projects, calculate existing gaps and estimated demand by 2021 for water supply pipe network, number of household to be provided with tap connections, and required enhancement in capacity of water source/ treatment plant (MLD). Gaps in water supply service levels be provided as per Table

Component	2015					2021	
	Present	Ongoing	Total	Demand	Gap	Demand	Gap

Component	2015					2021	
	Present	Ongoing	Total	Demand	Gap	Demand	Gap
Source	45 MLD	-	45MLD	69.15 MLD	24.15 MLD	81MLD	36 MLD
Treatment capacity	45 MLD	-	45MLD	69.15 MLD	24.15 MLD	81 MLD	36 MLD
Elevated Storage capacity	18.7 KL	-	18.7 KL	24ML	6ML	27ML	9ML
Distribution network coverage	651 KM	-	651 KM	807 KM	156 KM	890KM	239KM

OBJECTIVES

Based on above, objectives will be developed to bridge the gaps to achieve universal coverage. While developing objectives following question shall be responded so as to arrive at appropriate objective.

Please provide List out objectives to meet the gap in not more than 100 words.

The main objective of NPP Loni is,

1.To increase the universal coverage regularization of illegal connection, motivate the hh for taking the connection and increase the coverage area by laying new pipelines.

2.Reduce NRW water by providing zoning system

3 Increase in Per capita water supply

4 Improve quality of water

5 Improve operational efficiency by providing SCADA

6. Efficiency in charges collection.

Question: Does each identified objectives will be evolved from the outcome of assessment?

Yes, the each following objective evolved from the assessment,

Objectives	Activities for fill the GAP
To achieve the Universal coverage	Regularized illegal connection and 156 km line is be required to achieved 100% coverage where as 156 km new pipe line will be required to fulfill the demand of 2021
To reduce the NRW	Automation of Tubewell through SCADA, Strengthening the Zoning of water supply system
To increase in capita supply of water	Rebore of tubwell- 4Tubewell, Augmentation of new water production system- 15 new Tubewell
Improve quality of water	Establishment of water testing LAB, Mobile Water testing LAB and Introduce of automation chlorination dozer system.

Efficiency in charges collection

E-billing, spot billing machine, Expansion of payment collection center

Question: Does each objective meet the opportunity to bridge the gap?

Yes.

3. Examine Alternatives and Estimate Cost

The objective will lead to explore and examine viable alternatives options available to address these gaps.. These will include out of box approaches. (AMRUT Guidelines; Para 6.4 & 6.8 & 6.9). This will also include review of smart solutions. The cost estimate with broad source of funding will be explored for each. While identifying the possible activities, also examine the ongoing scheme and its solutions including status of completion, coverage and improvement in O&M. Please provide information on the above responding to (however not limited to) following questions.

Question: What are the possible activities and source of funding for meeting out the objectives? (75 words)

The possible activities is mention in table, and the funding for meeting out the each objective is follow the AMRUT funding pattern.50% funding by GOI and remaining by State and NPP Lonl.

Question: How can the activities be converged with other programme like JICA/ ADB funded projects in the city etc? (100 words)

No ongoing project .

Question: What are the options of completing the ongoing activities? (75 words)

No Ongoing Project.

Question: How to address the bottlenecks in the existing project and lessons learnt during implementation of these projects? (75 words)

Earllar scheme focus was to increase the infrastructure not on increasing coverage.

Question: What measures may be adopted to recover the O&M costs? (100 words)

The O&M cost shall be recovered by: 1. Increasing the coverage of water supply to unservice areas, 2. By increasing user charges 3. By reducing NRW with automation in system 4.Efficiency in charges collection

Question: Will metering system for billing introduced?

Yes, NPP Lonl will introduce in future.

Question: Whether reduction in O&M cost by addressing NRW levels be applied? (75 words)

Yes, NRW levels will be reduced to enhance O&M Cost .

Question: Does each objective meet the opportunity to bridge the gap?

Yes, objectives have been identified to bridge the current service level gaps

THE ALTERNATIVE ACTIVITIES TO MEET THESE ACTIVITIES BE DEFINED AS PER TABLE

Table: Alternative Activities To Meet Objectives

Sr. No.	Objective	Activities	Cost	Financing Source
1	To achieve the Universal coverage	156 km line is be required to achieved 100% coverage and legalized the connection	14.20 Cr	AMRUT/State and ULB
2	To increase in capita supply of water	Rebore of tubwell- 4Tubewell, Augmentation of new water production system- 16 new Tubewell,	5.60 Cr	AMRUT/ STATE/ ULBs
3	To reduce the NRW	Automation of Tubewell through SCADA, Strengthening the Zoning of water supply system	1.60 Cr	AMRUT/ STATE/ ULBs
4	Improve quality of water	Establishment of water testing LAB, Mobile Water testing LAB with full equipment -8Nos	4.80 Cr	AMRUT/ STATE/ ULBs
5	Efficiency in charges collection	E-billing, spot billing machine, Expansion of payment collection center	0.60 Cr	AMRUT/ STATE/ ULBs

4. Citizen Engagement

ULBs will organize and conduct city level citizen consultation and receive feedback on the suggested alternatives and innovations. Each alternative will be discussed with citizens and activities to be taken up will be prioritized to meet the service level gaps. ULB will prioritize these activities and their scaling up based on the available resources. (AMRUT Guidelines; Para 6.6, 6.7 & 7.2). Please explain following questions in not more than 200 words detailing out the needs, aspirations and wishes of the local people.

Question: Has all stakeholders involved in the consultation?

Yes, all stakeholders- Board member, citizen, ward elected member, is being involved in the consultation and meeting in NPP Loni on AMRUT & SBM on 28-08-2015 at meeting hall in Nagar Palika Parishad Loni

Question: Has ward/ zone level consultations held in the city?

Yes, ward/ zone level consultations is being held in the city, and meeting in NPP Loni on AMRUT & SBM on 09-09-2015 and 10-10-2015 meeting in ward 22 and ward 12

Question: Has alternative proposed above are crowd sourced?

No

Question: What is feedback on the suggested alternatives and innovations?

Each Feedback & suggested alternatives and innovations are being considered in formulation of project.

Question: Has alternative taken up for discussions are prioritized on the basis of consultations?

Yes, alternatives taken up for discussions are prioritized on the basis of consultations

Question: What methodology adopted for prioritizing the alternatives?

Alternatives have been prioritized based on demand raised through consultation with citizens, officials and parastatal agencies.

5. Prioritize Projects

Based on the citizen engagement, ULB will prioritize these activities and their scaling up based on the available resources to meet the respective objectives. While prioritizing projects, please reply following questions in not more than 200 words.

Question: What are sources of funds?

The source of funding of activities shall be: 1. AMRUT, 2. 14th Finance Commission 3. State Government Funds

Question: Has projects been converged with other program and schemes?

There is no other scheme running in the city.

Question: Has projects been prioritized based on "more with less" approach?

Yes the projects are being prioritized based on "more with less" approach universal coverage through IEC activities.

Question: Has the universal coverage approach indicated in AMRUT guidelines followed for prioritization of activities?

Yes

6. Conditionalities

Describe in not more than 300 words the Conditionalities of each project in terms of availability of land, environmental obligation and clearances, required NOC, financial commitment, approval and permission needed to implement the project.

Public awareness to increase the coverage of water supply coverage, Augmentation of water supply system No need of Land, environment clearance and NoC for meet the GAP for universal coverage,

7. Resilience

Required approvals will be sought from ULBs and competent authority and resilience factor would be built in to ensure environmentally sustainable water supply scheme. Describe in not more than 300 words regarding resilience built in the proposals.

Disaster and environmental related factor will be considered while preparation of DPRs

8. Financial Plan

Once the activities are finalized and prioritized after consultations, investments both in terms of capital cost and O&M cost has to be estimated. (AMRUT Guidelines; para 6.5) Based on the investment requirements, different sources of finance have to be identified. Financial Plan for the complete life cycle of the prioritized development will be prepared. (AMRUT Guidelines; para 4, 6.6, 6.12, 6.13 & 6.14). The financial plan will include percentage share of different stakeholders (Centre, State and City) including financial convergence with various ongoing projects. While preparing finance plan please reply following questions in not more than 250 words

Question: How the proposed finance plan is structured for transforming and creating infrastructure projects?

As per the guidelines of the AMRUT, the structured plan of the project will be developed. The share of State and ULB will be decided in High power committee.

Question: list of individual projects which is being financed by various stakeholders ?

There is no such individual project.

Question: Has financial plan prepared for identified projects based on financial convergence and consultation with funding partners?

Yes, financial plan prepared for identified projects are based on financial convergence and consultation with funding partners. GOI, State and ULB

Question: Is the proposed financial structure is sustainable? If so then whether project has been categorized based on financial considerations ?

Yes, the proposed financial structure is sustainable and project has been categorized based on financial considerations.

Question: Have the financial assumptions been listed out ?

Yes, financial assumptions have been listed out

Question: Does financial plan for the complete life cycle of the prioritized development?

Yes, financial plan has been done for the complete life cycle of the prioritized development

Question: does financial plan include percentage share of different stakeholders (Centre, State, ULBs)

Yes, financial plan include percentage share of different stakeholders (Centre, State and ULB)

Question: Does it include financial convergence with various ongoing projects.

Yes, it includes financial convergence with various ongoing projects

Question: Does it provide year-wise milestones and outcomes ?

Yes, year-wise milestones and outcomes have been provided.

DETAILS IN FINANCIAL PLAN SHALL BE PROVIDED AS PER TABLE 8.1, 8.2, 8.3, 8.4 AND 8.5. THESE TABLES ARE BASED ON AMRUT GUIDELINES TABLES 2.1, 2.2, 2.3.1, 2.3.2, AND 2.5.

Table 8.1 Master Plan of Water Supply Projects for Mission period
(As per Table 2.1 of AMRUT guidelines)
(Amount in Rs. Cr)

S.N.	Project Name	Priority Number	Year in which to be implemented	Year to which to be completed	Estimated cost
1	158 km line is to be required to achieved 100% coverage and legalized the connection	1	2016	2017	14.20 Cr
2	Rebore of tubwell- 4Tubewell, Augmentation of new water production system- 16 new Tubewell,	2	2016	2017	5.60 Cr
3	Automation of Tubewell through SCADA, Strengthening the Zoning of water supply system	3	2016	2017	1.60 Cr
4	Establishment of water testing LAB, Mobile Water testing LAB with full equipment -8 Nos	4	2016	2018	4.80 Cr
5	E-billing, spot billing machine, Expansion of payment collection center	5	2016	2018	0.60Cr
Total					26.80Cr

MASTER SERVICE LEVELS IMPROVEMENTS DURING MISSION PERIOD

(As per Table 2.2 of AMRUT guidelines)

(Amount in Rs. Cr)

Sr. No.	Project Name	Physical Components	Change in Service Levels			Estimated Cost
			Indicator	Existing (As-Is)	After (To-be)	
1	156 km line is be required to achieved 100% coverage and legalized the connection	Survey & 156 Km new pipe line	Universal coverage of water supply	20.00	100	14.20 Cr
2	Rebore of tubwell- 4 Tubewell, Augmentation of new water production system- 16 new Tubewell.	Rebore of tubewell, construction of OHT & Tubewell	Per capita water supply	88LPCD	135 LPCD	5.60 Cr
3	Automation of Tubewell through SCADA, Strengthening the Zoning of water supply system	Automation	Extent of non-revenue water	40%	20 %	1.60 Cr
4	Establishment of water testing LAB, Mobile Water testing LAB with full equipment -8 Nos	Water treatment Lab	Quality of water supplied	70%	100%	4.80 Cr
5	E-billing, spot billing machine, Expansion of payment collection center	Automation & online	Cost recovery in water supply services	50%	100%	0.60 Cr
Total						26.80 Cr

ANNUAL FUND SHARING PATTERN FOR WATER SUPPLY PROJECTS

(As per Table 2.3.1 of AMRUT guidelines)

(Amount in Rs. Cr)

Sr. No.	Name of Project	Total Project Cost	Share				
			GOI	State	ULB	Others	Total
1	156 km line is be required to achieved 100% coverage and legalized the connection	14.20 Cr	50%	50%	0	0	14.20 Cr
2	Rebore of tubwell-4Tubewell, Augmentation of new water production system- 16 new Tubewell,	5.60 Cr	50%	50%	0	0	5.60 Cr
3	Automation of Tubewell through SCADA, Strengthening the Zoning of water supply system	1.60 Cr	50%	50%	0	0	1.60 Cr
4	Establishment of water testing LAB, Mobile Water testing LAB with full equipment -8 Nos	4.80 Cr	50%	50%	0	0	4.80 Cr
5	E-billing, spot billing machine, Expansion of payment collection center	0.60 Cr	50%	50%	0	0	0.60 Cr
	Total	26.80 Cr	50%	50%	0	0	26.80 Cr

ANNUAL FUND SHARING BREAK-UP FOR WATER SUPPLY PROJECTS

(As per Table 2.3.2 of AMRUT guidelines)

Sr. No.	Project	GOI	State			ULB			Convergence	others	Total
			14th FC	Others	Total	14th FC	Others	Total			
1	156 km line is be required to achieved 100% coverage and legalized the connection	7.10 Cr		7.10 Cr	-						14.20 Cr
2	Rebore of tubwell- 4 Tubewell, Augmentation of new water production system- 16 new Tubewell,	2.80 Cr	-	2.80 Cr	-						5.60 Cr
3	Automation of Tubewell through SCADA, Strengthening the Zoning of water supply system	0.80 Cr		0.80 Cr							1.60 Cr
4	Establishment of water testing LAB, Mobile Water testing LAB with full equipment -8 Nos	2.40 Cr		2.40Cr							4.80 Cr
5	E-billing, spot billing machine, Expansion of payment	0.30 Cr		0.30Cr							0.30 Cr

Sr. No.	Project	GOI	State			ULB			Convergence	others	Total
			14th FC	Others	Total	14th FC	Others	Total			
	collection center										
	Total	13.40 Cr		13.40 Cr						26.80 Cr	

YEAR WISE PLAN FOR SERVICE LEVELS IMPROVEMENTS

(As per Table 2.5 of AMRUT guidelines)

Proposed Projects	Project Cost	Indicator	Baseline	Annual (Increment from the Baseline Value)					Targets	
				FY 2016		FY 2017	FY 2018	FY 2019	FY 2020	
				H1	H2					
Public awareness 156 km line is be required to achieved 100% coverage and legalized the connection	14.20 Cr	Coverage of water supply connection	20%		50%	100%				
Rebore of tubwell- 4Tubewell, Augmentation of new water production system- 16 new Tubewell,	5.60 Cr	Per capita water supply	88 LPCD		100 LPCD	135LPCD				
Automation of Tubewell through SCADA, Strengthening the Zoning of water	1.60 Cr	Non Revenue water	40%		30%	20%				

Proposed Projects	Project Cost	Indicator	Baseline	Annual (Increment from the Baseline Value)					Targets		
				FY 2016		FY 2017	FY 2018	FY 2019	FY 2020		
				H1	H2						
supply system											
Establishment of water testing LAB, Mobile Water testing LAB with full equipment -8 Nos	4.80 Cr	Quality of water supply	70%		80%	90%	100%				
E-billing, spot billing machine, Expansion of payment collection center	0.60 Cr	Cost recovery in water supply services	50%		65%	80%	90%				
Total	26.80 Cr										

ANNEXURE-3



कार्यालय
अधीक्षण अभियंता,
अष्टदश मण्डल, उ०प्र० जल निगम,
सेक्टर-1, नया गाजियाबाद रेलवे स्टेशन के सामने, राजनगर,
गाजियाबाद - 201 002.

फोन व फैक्स -0120-2827151
ई-मेल- set1Bupjn@yahoo.co.in
फै-07529201317

पत्रांक 928 / विधि-13 / 52 दिनांक 13-5-2015

स्वा. म.

मुख्य अभियंता(गा0क्षेत्र),
उ०प्र० जल निगम,
गाजियाबाद।

विषय:- वित्तीय वर्ष 2015-16 में प्राक्कलन विरचन एवं सामग्री एवं श्रमिकों की दरों के सम्बन्ध में।
वहोदय,

उपरोक्त विषयक रूपया अपने ज्ञाप सं० 1178/का०ज्ञाप, दिनांक 01.05.2015 का संदर्भ करें। इ-
कार्यालय के पत्रांक 835/विधि-13/40 दिनांक 05.05.2015 के क्रम में प्राक्कलन विरचन एवं सामग्री एवं
श्रमिकों की दरों के लिए दिनांक 11.05.2015 को मण्डल कार्यालय में समिति की बैठक हुई थी। समिति द्वारा
मण्डल एवं सहारनपुर मण्डल हेतु अनुमोदित दरें संलग्न कर सूचनार्थ एवं अग्रेत्तर कार्यवाही हेतु प्रेषित की
जा रही है।

संलग्नक: उपरोक्तानुसार।

भवदीय

(ए०के० श्रीवास्तव)
अधीक्षण अभियंता

प्र०सं० एवं दिनांक: यथोपरि।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

1. अधीक्षण अभियंता, प्रथम मण्डल/अस्थाई निर्माण मण्डल/यांत्रिक मण्डल, उ०प्र० जल निगम,
वेरठ/गाजियाबाद।
2. महाप्रबन्धक, यमुना प्रदूषण नियंत्रण इकाई/निर्माण इकाई, उ० प्र० जल निगम,
गाजियाबाद/सहारनपुर।
3. मण्डलान्तर्गत समस्त अधिशासी अभियंता/परियोजना प्रबन्धक।
4. आचार्यराणी कल्लिका, प्रथम निर्माण मण्डल, उ०प्र० जल निगम, गाजियाबाद।

संलग्नक

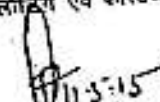
सूची-1

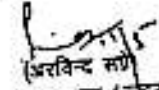
अधोसप्त अभियंता, अष्टदश मण्डल, उ०प्र० जल निगम, गाजियाबाद।
 दिनांक


जनपदों हेतु वित्तीय वर्ष 2015-16 में प्राथकालन विवरण एवं निर्माण कार्य हेतु भविकों की स्वीकृत दरें
 प्रस्तावित दरें 2015-16

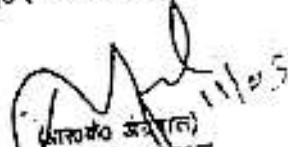
क्र.सं.	भविक	प्राथकालन विवरण	निर्माण कार्य
1	विद्युत्		425.00
2	मलिन, बडई, ड्रिटर	465.00	380.00
3	हण्ड पम्प मैकेनिक, कूप गलाने वाला-	420.00	300.00
4	हण्डपम्प मोटर	330.00	275.00
5	जूमिटर फिल्टर, इलेक्ट्रिशियन (गैड-1)। हण्ड पम्प निस्त्री, जुहार तथा सहायक ड्रिटर, पम्प अटेंडन्ट/पम्प ऑपरेटर (गैड-1) तकैदी करने वाला तथा विस्ती (नकल साहित)	300.00	275.00
6	पिन्टर	375.00	340.00
7	जीप/ट्रक घालक, फिल्टर, क्लीट मिक्स्टर, हाईवर, लीवर लम्पणु सफाईकार, पम्प/जेनरेटर/डीजल इंजन ऑपरेटर, हण्ड पम्प तथा इलेक्ट्रिशियन गैड-1	420.00	380.00
8	हण्ड पम्प, ईस्टर, माली, चौकीदार, रनर तथा ईमर दिन	280.00	255.00
9	इन्चर (हाली, घालक, लुबीकेन्ट एवं डीजल साहित) 8 घण्टे के लिए	1925.00	1760.00
10	भेला दुगो (10 क्वीटल हेतु)	870.00	790.00
11	न्यछ कार सामान्य कार्य हेतु	280.00	255.00
12	कम्प्युटर ऑपरेटर	365.00	330.00

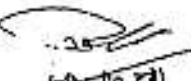
नोट 1. उपरोक्त दरें दिनांक 01.05.2015 से प्रभावी होंगे।
 2. सभी स्वीकृत दरों में संपत्त प्रकार के टैक्स/कर आदि सम्मिलित हैं तथा दरें एच०एच०आर० साईट है तथा इन्हें लॉडिंग
 अनलॉडिंग एवं कार्टेज आदि सम्मिलित हैं।



 11-5-15
 (विनाय कुमार)
 सदस्य सचिव
 अधी०अधि०, उ०प्र०जल,
 गाजियाबाद।

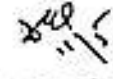

 (अरविन्द सिंह)
 महाप्रबन्धक/सदस्य
 उ०प्र०जल, गाजियाबाद।


 11-05-15
 (सीता राय)
 महाप्रबन्धक/सदस्य
 निर्माण इकाई, लखारनपुर।


 (आर०पी० अशोक)
 अधी०अधि०/सदस्य
 डि/पौ मण्डल, गाजियाबाद


 (सीतलाल दुबे)
 अधी०अधि०/सदस्य,
 प्रथम मण्डल, मेरठ।


 11/5/2015
 (आर०पी० सक्सेना)
 अधी० अधी०/सदस्य
 अर्थाई डि०प०, मेरठ।


 (ए०पी० श्रीवास्तव)
 अधी० अधी०/अध्यक्ष
 अष्टदश मण्डल, गाजियाबाद

राज्यीय अधीक्षण अभियंता अष्टदश मण्डल, उ०प्र० जल निगम, गाजियाबाद।

दिनांक

सर्व मण्डलों के जनपदों हेतु वित्तीय वर्ष 2015-16 में प्राक्कलन विवरण एवं निर्माण कार्य हेतु क्रमिकों की स्वीकृत दरें

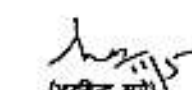
क्र.सं.	विवरण	इकाई	प्रमाणित दरें 2015-16	
			सामग्री की दरें (2015-16) प्राक्कलन विवरण हेतु	सामग्री की दरें (2015-16) निर्माण कार्य हेतु
1	बिजु			
	(a) घड़न केने की ईंट (एच-150)	प्रति हजार	5400.00	5800.00
	(b) घड़न केने की ईंट (एच-100)	प्रति हजार	4700.00	4300.00
	(c) सीमा घड़ना (एच०ओ०बी०)	प्रति हजार	4900.00	4475.00
2	40 मिमी० फेज की धम केनी / ओवर बन्ट ईंट की लंबी	प्रति घन मीटर	1000.00	910.00
3	पत्थर की संडी/सिंथोन फिट			
	(a) 12 से 25 मिमी० फेज तक	प्रति घन मीटर	2485.00	2240.00
	(b) 25 से 40 मिमी० फेज तक	प्रति घन मीटर	2280.00	2055.00
4	सिंथ			
	(a) साफत सिंथ	प्रति घन मीटर	395.00	360.00
	(b) एच०एच० सिंथ (F.M - 1.25)	प्रति घन मीटर	1070.00	970.00
	(c) फांत सिंथ (F.M = 2.2)	प्रति घन मीटर	2130.00	2120.00
5	लकड़ी की दरें			
	(a) एच०एच० बार 8 मिमी० व्यास	प्रति मी० टन	66550.00	60530.00
	(b) एच०एच० बार 10-16 मिमी० व्यास	प्रति मी० टन	65220.00	59290.00
	(c) एच०एच० बार 20-25 मिमी० व्यास	प्रति मी० टन	63880.00	58000.00
	(d) एच०एच० गडर	प्रति मी० टन	66550.00	60500.00
	(e) एच०एच० क्लिफ, आवरन क्लिफ, जैड सैफाल एवं टी अदि	प्रति मी० टन	66530.00	60900.00
6	सिमेन्ट	प्रति बग	420.00	380.00
7	प्लासत तालाब			
	(a) 5 एच०एच० थिंक	प्रति वर्ग मी०	490.00	450.00
	(b) 4 एच०एच० थिंक	प्रति वर्ग मी०	440.00	400.00
	(c) 3 एच०एच० थिंक	प्रति वर्ग मी०	385.00	330.00
8	प्लासत पट्टी			
	(a) 5 एच०एच० थिंक 2.2 सेमी० बाइड	प्रति रनिंग मी०	14.00	13.00
	(b) 5 एच०एच० थिंक 3.5 सेमी० बाइड	प्रति रनिंग मी०	15.00	14.00
	(c) 3 एच०एच० थिंक 2.2 सेमी० बाइड	प्रति रनिंग मी०	11.00	10.00
	(d) 3 एच०एच० थिंक 3.5 सेमी० बाइड	प्रति रनिंग मी०	12.00	11.00
9	साइड			
	(a) साइड फोर बाइड गडिंग (Unslacked)	प्रति किलो	935.00	900.00
	(b) सीड बाइड (सफेद)	प्रति किलो	240.00	220.00

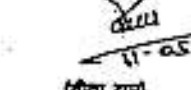
2	3	4	5
अनुसूची क्र. 2 एनएनडी सार्वजनिक			
1. पेट्रोल	प्रति लिटर	340.00	310.00
2. डीजल / कोक	प्रति लिटर	300.00	275.00
3. लो आइल	प्रति लिटर	340.00	310.00
4. भावना डील (200 पीए)	प्रति लिटर	340.00	315.00
5. टिक्की & आयल (डिबल)	प्रति लीटर	255.00	230.00
6. आयल (इन्फ्लेशन)	प्रति लीटर	110.00	100.00
11. निवृत्त			
(a) निवृत्त वेतन			
1. सुविधा सुविधा	10 लीटर	2925.00	2660.00
2. पुरान सुविधा	10 लीटर	2400.00	2180.00
3. पुरान सुविधा	10 लीटर	1995.00	1815.00
12. वाहन			
1. कार बूट	प्रति लीटर	240.00	220.00
2. कार बूट	प्रति लीटर	240.00	220.00
3. एक्सेस वेतन (सुविधा सुविधा)	प्रति लीटर	345.00	350.00
4. एक्सेस वेतन (सुविधा सुविधा)	प्रति लीटर	345.00	315.00
5. वाहन बूट लिफ्ट वेतन (सुविधा सुविधा)	प्रति लिटर	97.00	85.00
13. वाहन			
(a) एनएनडी वाहन वाहन 10 सेमी आकार का वाहन, 1.30 पीए	प्रति वाहन	175.00	160.00
(b) एनएनडी वाहन 10 सेमी वाहन	प्रति वाहन	77.00	70.00
(c) एनएनडी वाहन 10 सेमी वाहन	प्रति वाहन	97.00	85.00
(d) वाहन सुविधा सुविधा	प्रति लिटर	130.00	120.00
14. वाहन			
(a) वाहन सुविधा सुविधा	प्रति वाहन	110.00	97.00
15. वाहन			
(a) वाहन सुविधा सुविधा	प्रति वाहन	800.00	725.00
(b) वाहन सुविधा सुविधा	प्रति वाहन	79860.00	72800.00
(c) वाहन सुविधा सुविधा	प्रति वाहन	53660.00	50600.00
(d) वाहन सुविधा सुविधा	प्रति वाहन	230.00	210.00
16. वाहन			
(a) वाहन सुविधा सुविधा (एन-30)-80 एनएनडी सुविधा	प्रति वाहन	435.00	465.00
(b) वाहन सुविधा सुविधा (एन-30)-80 एनएनडी सुविधा	प्रति वाहन	465.00	425.00

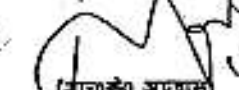
नोट 1. उपरोक्त दरें दिनांक 01.05.2015 से प्रभावी होंगी।

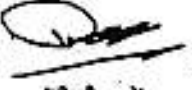
2. सभी शीशु दरों में समस्त प्रकार के टैक्स/चार्ज आदि सम्मिलित हैं तथा दरें एनएनडी सार्वजनिक हैं तथा इसमें सोडियम, अल्युमिनियम एवं वाटर आदि सम्मिलित हैं।

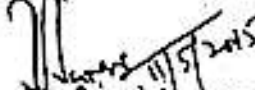

 (विनाय कुमार)
 सहाय सचिव
 अपीएओ, अपीएओ, अपीएओ
 पारिजातबाद।

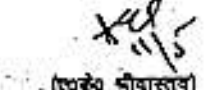

 (अरविन्द कुमार)
 महाप्रबन्धक / सहाय
 अपीएओ, अपीएओ, अपीएओ
 पारिजातबाद।


 (मीता रानी)
 महाप्रबन्धक / सहाय
 निर्यम इकाई, सहायकपुर।


 (अनन्द कुमार)
 अपीएओ / सहाय
 अपीएओ, अपीएओ, अपीएओ
 पारिजातबाद।


 (विनाय कुमार)
 अपीएओ / सहाय, अपीएओ
 अपीएओ, अपीएओ


 (अनन्द कुमार)
 अपीएओ / सहाय
 अपीएओ, अपीएओ, अपीएओ


 (अनन्द कुमार)
 अपीएओ / सहाय
 अपीएओ, अपीएओ, अपीएओ
 पारिजातबाद।

सूची-1

उपरोक्त अधीक्षण अभियंता अष्टदश मण्डल, उ०प्र० जल निगम, गाजियाबाद।

उपरोक्त मण्डल के जनपदों हेतु वित्तीय वर्ष 2015-16 में प्राक्कलन विवरण एवं निर्माण कार्य हेतु प्रतिकों

क्र.सं.	विवरण	प्राक्कलन विवरण	निर्माण कार्य
1	विस्त्री	440.00	400.00
2	मेसन बढई, ड्रिलर	385.00	350.00
3	हैण्ड पम्प मैकेनिक, कृष गलाने वाला	310.00	275.00
4	हैण्डपम्प बोरा	285.00	260.00
5	जूनियर फिल्टर, इलेक्ट्रीशियन (ग्रेड-11), हैण्ड पम्प विस्त्री, सुहार तथा सहायक ड्रिलर, पम्प अटैन्डेन्ट/पम्प ऑपरेटर (ग्रेड-11) सफेदी करने वाला तथा बिस्त्री (गणक सहित)	285.00	260.00
6	पेन्टर	340.00	310.00
7	मेसन/टंक घातक, फिल्टर, कंक्रीट विस्तर, ड्राईंग, सीवर सफाई, पम्प/जेनरेटर/डीजल इंजन ऑपरेटर, वर्क एजेंट, नेट तथा इलेक्ट्रीशियन ग्रेड-1	385.00	350.00
8	वैलदार, गजदूर, हिलर, माली, चौकीदार, रनर तथा हैपर नैन	250.00	230.00
9	ट्रक्टर (ट्राक्टी, घातक, लुब्रिकेन्ट एवं डीजल सहित) 8 छपटे के लिए	1760.00	1600.00
10	भेत्ता बुगी (10 स्क्वीटल हेतु)	770.00	715.00
11	स्वच्छ कार सामान्य कार्य हेतु	250.00	230.00
12	कम्प्यूटर ऑपरेटर	365.00	330.00

नोट 1. उपरोक्त दरें दिनांक 01.05.2015 से प्रभावी होंगी।

2. सभी स्वीकृत दरों में समस्त प्रकार के टैक्स/कर आदि सम्मिलित हैं तथा दरें एफ०ओ०आर० साईट हैं तथा इनमें लॉडिंग, अनलोडिंग एवं कार्टेज आदि सम्मिलित हैं।

(चिन्मय कुमार)
सदस्य सचिव
अधि०अधि०, प्र०नि०अधि०,
गाजियाबाद।

(अरविन्द शर्मा)
महाप्रबन्धक/सदस्य
अधि०अधि०, प्र०नि०अधि०,
गाजियाबाद।

(सीता राम)
महाप्रबन्धक/सदस्य
निर्माण इकाई, सहारनपुर।

(आर०के० अरबाल)
अधि०अधि०/सदस्य
वि/यों मण्डल, गाजियाबाद।

अधि०अधि०/सचिव, इकाई
मण्डल, इकाई

(आर०के० अरबाल)
अधि०अधि०/सदस्य
अत्याई विभाग, मंडल।

अध्यक्ष, मण्डल, गाजियाबाद।

संयोजित वार्षिक वित्तिय विवरण

वर्ष 2015-16 के वार्षिक वित्तिय विवरण का विवरण

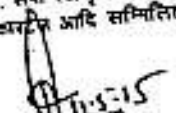
क्र.सं.	विवरण	प्रकार	मापकी की दर (2014-15) वार्षिक वित्तिय विवरण में	मापकी की दर (2014-15) वित्तिय विवरण में
1	2	3	4	5
			5500.00	5000.00
1	वित्त	प्रति हजार	4000.00	3800.00
(a)	प्रधान कोष की ईट (एन-150)	प्रति हजार	4200.00	800.00
(b)	प्रधान कोष की ईट (एन-100)	प्रति हजार	900.00	
(c)	सोसा बटका (एसओबीओ)	प्रति घन मीटर		
2	गै-लिट्रि-गेज की धान-सेमी/ओवर बर्ड ईट की रीड			2000.00
3	पुश्पा की बीबी (कॉन्क्रीट)	प्रति घन मीटर	2200.00	1890.00
(a)	12 से 20 मिमी गेज तक	प्रति घन मीटर	2100.00	
(b)	25 से 40 मिमी गेज तक			
4	सेन्ड	प्रति घन मीटर	370.00	315.00
(a)	लोकल सेन्ड	प्रति घन मीटर	945.00	1900.00
(b)	कॉन्क्रीट सेन्ड (F.M - 1.25)	प्रति घन मीटर	2100.00	
(c)	सॉफ्ट सेन्ड (F.M > 2.2)			
5	कॉन्क्रीट की ईट	प्रति मीटर टन	60500.00	55000.00
(a)	एनएलसी 8 से 12 मिमी व्यास	प्रति मीटर टन	53290.00	52900.00
(b)	एनएलसी 10-18 मिमी व्यास	प्रति मीटर टन	58080.00	55000.00
(c)	एनएलसी 20-25 मिमी व्यास	प्रति मीटर टन	60500.00	
(d)	एनएलसी गार्ड		63500.00	55000.00
(e)	एनएलसी एगिल आधार फ्लैट, जेड सेलान एवं टी आदि	प्रति मीटर टन	400.00	345.00
6	पिपेट	प्रति मीटर		
7	प्लासत प्रचारण	प्रति वर्ग मीटर	470.00	420.00
(a)	5 एनएलसी मिश्रण	प्रति वर्ग मीटर	420.00	375.00
(b)	4 एनएलसी मिश्रण	प्रति वर्ग मीटर	345.00	300.00
(c)	3 एनएलसी मिश्रण			
8	प्लासत पदार्थ	प्रति वर्ग मीटर	13.00	12.00
(a)	5 एनएलसी मिश्रण 2.2 सेमी ग्राइंड	प्रति वर्ग मीटर	14.00	8.00
(b)	5 एनएलसी मिश्रण 3.5 सेमी ग्राइंड	प्रति वर्ग मीटर	10.00	10.00
(c)	3 एनएलसी मिश्रण 2.2 सेमी ग्राइंड	प्रति वर्ग मीटर	11.00	
(d)	3 एनएलसी मिश्रण 3.5 सेमी ग्राइंड			
9	लाइन्स	प्रति लिटर	890.00	880.00
(a)	लाइन्स की वाइड बॉटिंग (Unslacked)	प्रति लिटर	230.00	210.00
(b)	वीक वाइड (लफेदा)			

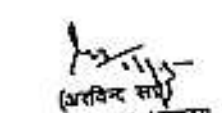
(Handwritten Signature)

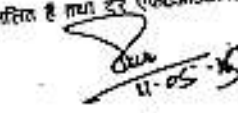
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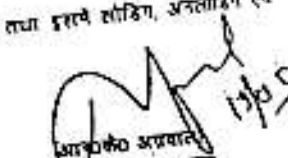
क्र.सं.	विवरण	प्रति बिगट	कुल
1	एकल बिगट	225.00	290.00
2	दो बिगट	290.00	260.00
3	तीन बिगट	175.00	600.00
4	चार बिगट	140.00	250.00
5	पांच बिगट	105.00	95.00
6	छह बिगट		
7	सात बिगट		
8	आठ बिगट		
9	नौ बिगट		
10	दस बिगट		
11	ग्यारह बिगट		
12	बारह बिगट		
13	तेरह बिगट		
14	पंद्रह बिगट		
15	सोलह बिगट		
16	असल बिगट		
17	एकल बिगट (सुपीरिग्रेड कमीशन)		
18	दो बिगट (सुपीरिग्रेड कमीशन)		
19	तीन बिगट (सुपीरिग्रेड कमीशन)		
20	चार बिगट (सुपीरिग्रेड कमीशन)		
21	पांच बिगट (सुपीरिग्रेड कमीशन)		
22	छह बिगट (सुपीरिग्रेड कमीशन)		
23	सात बिगट (सुपीरिग्रेड कमीशन)		
24	आठ बिगट (सुपीरिग्रेड कमीशन)		
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26	दस बिगट (सुपीरिग्रेड कमीशन)		
27	ग्यारह बिगट (सुपीरिग्रेड कमीशन)		
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30	पंद्रह बिगट (सुपीरिग्रेड कमीशन)		
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46	पंद्रह बिगट (सुपीरिग्रेड कमीशन)		
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50	दो बिगट (सुपीरिग्रेड कमीशन)		
51	तीन बिगट (सुपीरिग्रेड कमीशन)		
52	चार बिगट (सुपीरिग्रेड कमीशन)		
53	पांच बिगट (सुपीरिग्रेड कमीशन)		
54	छह बिगट (सुपीरिग्रेड कमीशन)		
55	सात बिगट (सुपीरिग्रेड कमीशन)		
56	आठ बिगट (सुपीरिग्रेड कमीशन)		
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58	दस बिगट (सुपीरिग्रेड कमीशन)		
59	ग्यारह बिगट (सुपीरिग्रेड कमीशन)		
60	बारह बिगट (सुपीरिग्रेड कमीशन)		
61	तेरह बिगट (सुपीरिग्रेड कमीशन)		
62	पंद्रह बिगट (सुपीरिग्रेड कमीशन)		
63	सोलह बिगट (सुपीरिग्रेड कमीशन)		
64	असल बिगट (सुपीरिग्रेड कमीशन)		
65	एकल बिगट (सुपीरिग्रेड कमीशन)		
66	दो बिगट (सुपीरिग्रेड कमीशन)		
67	तीन बिगट (सुपीरिग्रेड कमीशन)		
68	चार बिगट (सुपीरिग्रेड कमीशन)		
69	पांच बिगट (सुपीरिग्रेड कमीशन)		
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77	तेरह बिगट (सुपीरिग्रेड कमीशन)		
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83	तीन बिगट (सुपीरिग्रेड कमीशन)		
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92	बारह बिगट (सुपीरिग्रेड कमीशन)		
93	तेरह बिगट (सुपीरिग्रेड कमीशन)		
94	पंद्रह बिगट (सुपीरिग्रेड कमीशन)		
95	सोलह बिगट (सुपीरिग्रेड कमीशन)		
96	असल बिगट (सुपीरिग्रेड कमीशन)		
97	एकल बिगट (सुपीरिग्रेड कमीशन)		
98	दो बिगट (सुपीरिग्रेड कमीशन)		
99	तीन बिगट (सुपीरिग्रेड कमीशन)		
100	चार बिगट (सुपीरिग्रेड कमीशन)		

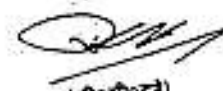
नोट 1. उपरोक्त दूरे दिनांक 01.05.2015 से प्रभावी होगी।
 2. सभी स्वीकृत दस्तों में सभ्यता प्रकार के टैक्स/ कर आदि सम्मिलित हैं तथा दूरे एकात्मिक बिगट हैं तथा इन्हें सीडिंग, अनलोडिंग एवं ब्यान्किंग आदि सम्मिलित हैं।


 (सीडिंग सुपर) सदस्य सचिव
 अधीनस्थ, प्रशासनिक,
 गाजियाबाद।

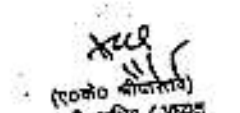

 (असल सुपर) महाप्रबन्धक/सदस्य
 प्रशासनिक, गाजियाबाद।


 11-05-15
 (सीता राम) महाप्रबन्धक/सदस्य
 निवास इकाई, सहारनपुर।


 (एकल सुपर) अधीनस्थ/सदस्य
 वि/पी मण्डल, गाजियाबाद।


 (सीडिंग सुपर) अधीनस्थ/सदस्य, प्रशासनिक,
 गाजियाबाद।


 (अधीनस्थ सुपर) अधीनस्थ/सदस्य
 अन्तर्गत विभाग, गाजियाबाद।


 (एकल सुपर) अधीनस्थ/सदस्य
 अन्तर्गत मण्डल, गाजियाबाद।

प्रेषक,

सामग्री प्रबन्धक,
उ०प्र० जल निगम,
सखनऊ ।

सेवा में,

समस्त मुख्य अभियन्ता(क्षेत्र),
उ०प्र० जल निगम ।

पत्रांक QSS/क्रय/सामान्य/(2121-0052)/2015/ 24-

दिनांक 27/04/2015

विषय:- केन्द्रीयकृत सामग्रियों के अन्तर्गत विभिन्न सामग्रियों की प्रकल्प विवरण हेतु दरों के सम्बन्ध में ।

महोदय,

उपरोक्त विषयक इस कार्यालय के पत्र सं० 7198/क्रय/सामान्य/(2121-0052)/2015/116 दिनांक 15.12.2014 के क्रम में केन्द्रीयकृत सामग्रियों के अन्तर्गत जिन सामग्रियों की आपूर्ति ली जाती है, उनमें से एच०डी०पी०ई० पाइप एवं 32 मि०मी० व्यास, मोडियम ग्रेडि जे०आई० पाइप की प्रकल्प विवरण हेतु दरों इस पत्र के साथ संलग्न की जा रही हैं ।

उक्त दरों मात्र प्रकल्प विवरण के उद्देश्य से प्रसारित की जा रही हैं तथा अन्य कार्यों हेतु इन दरों का प्रयोग नहीं किया जाये ।

संलग्नक:- उपरोक्तानुसार ।

भवदीय,

(एस०टी० अनवर)
सामग्री प्रबन्धक

पृ०सं० एवं दिनांक उपरोक्तानुसार

प्रतिरूपि निम्नलिखित को सूचनाय एवं आवश्यक कार्यवाही हेतु प्रेषित:-

1. मुख्य अभियन्ता(नगर/ग्रामीण), उ०प्र० जल निगम, सखनऊ ।
2. समस्त अधीक्षण अभियन्ता/महाप्रबन्धक, उ०प्र० जल निगम ।
3. समस्त अधिशासी अभियन्ता/परियोजना प्रबन्धक, उ०प्र० जल निगम ।

(सपीर पामिल)

उप सामग्री प्रबन्धक

RATES FOR HDPE PIPES

Dia in mm Pressure Rating of HDPE Pipes	F.O.R destination rates per meter in Rs. and where in T.P. up to 100 km at manager's instance of all taxes and duties, third party inspection charges, packing & forwarding charges, transit insurance charges, road transportation charges etc.		
	With Certificate (Excise Duty is NIL)	Excise Duty	Exemption Certificate (Excise Duty is included in rates)

GRADE PE 100

No.	Dia in mm, PN	Rate	Rate
3.	90mm, PN-6	282.00	
4.	110mm, PN-6	365.00	
5.	125mm, PN-6	462.00	
6.	140mm, PN-6	600.00	
7.	160mm, PN-6	756.00	
8.	180mm, PN-6	940.00	
9.	200mm, PN-6		126.00
10.	63mm, PN-8		178.00
11.	75mm, PN-8		250.00
12.	90mm, PN-8	365.00	
13.	110mm, PN-8	471.00	
14.	125mm, PN-8	593.00	
15.	140mm, PN-8	772.00	
16.	160mm, PN-8	975.00	
17.	180mm, PN-8	1210.00	
18.	200mm, PN-8		154.00
19.	63mm, PN-10		218.00
20.	75mm, PN-10		313.00
21.	90mm, PN-10	440.00	
22.	110mm, PN-10	567.00	
23.	125mm, PN-10	714.00	
24.	140mm, PN-10	932.00	
25.	160mm, PN-10	1178.00	
26.	180mm, PN-10	1464.00	
27.	200mm, PN-10		

NOTE: 1) HDPE Pipes are to be supplied in 5m or 6m length, or in Coil form for following dia. in lengths as detailed below.

- i) 63 MM = 50 M to 300 M length.
- ii) 75 MM = 50 M to 250 M length.
- iii) 90 MM = 50 M to 200 M length.
- iv) 110 MM = 50 M to 100 M length.

Length of coil may be as per requirement of consignees but upto maximum lengths as mentioned above.

2) The rates are inclusive of presence of Supervisory/Technical Staff of the firm during laying and sectional testing of supplied pipes.

(A.K. Asthana)
Accountant-P

(Vivek Kushwahar)

A.E.-P

(M.I. Anwar)
Materials Manager

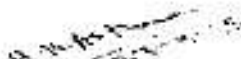
(Sumir Goyal)
27/04/15
Dy. Materials Manager

Enclosure of letter no. 885 Purchase/General(2121-052)2015/29 dated 27.4.2015

ANNEXURE-B

Rates for ISI Marked G.I. Pipes conforming to IS-1239(Part-I)/2004 or its latest amendments.

Sl. No.	Nominal Dia. & Class of Pipe	F.O.R. Destination rate per M.T. any where in U.P. up to stores of consignees (including one No. ISI Marked G.I. Socket per pipe length), inclusive of all taxes & duties, third party inspection charges, transit insurance, road transportation charges etc.
1.	32mm. Medium Class. 3 Metre length	62200.00


(A.K. Asthana)
Accountant-P

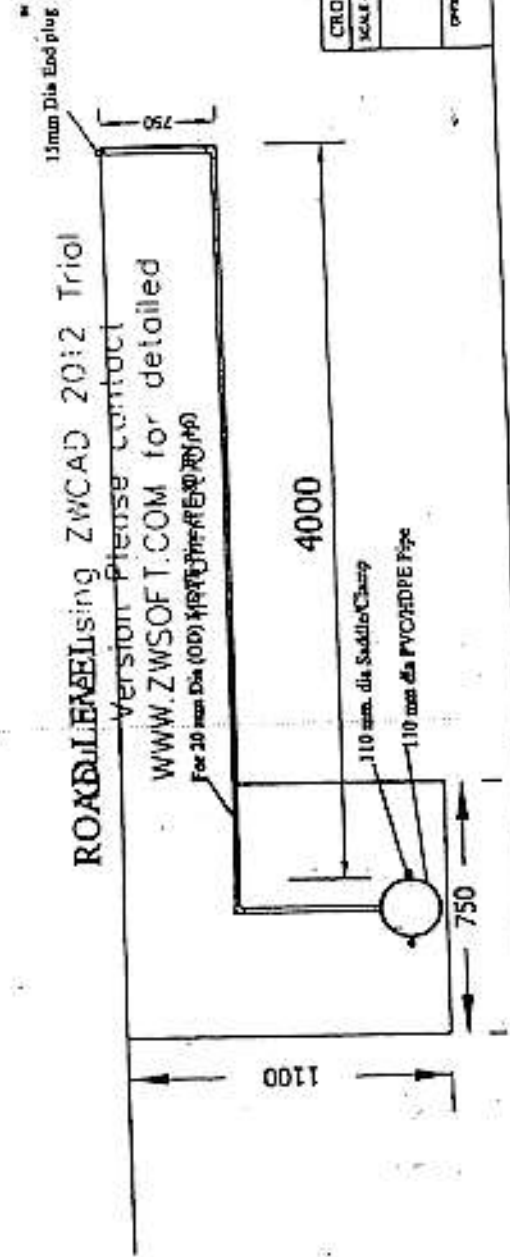

(Jitesh Nigam)
A.E.-P


(Samir Govil)
Dy. Materials Manager


(M.T. Anwar)
Materials Manager

CROSS SECTION OF HOUSE CONNECTION FOR GHAZIABAD WATER SUPPLY SCHEME

For 110mm Dia PVC/ HDPE Pipe



All dimension in MM

CROSS SECTION OF HOUSE CONNECTION	
SCALE - NTS	DWG- 03
DATE	12/11/2012
DESIGNER	C.M.M.
CHECKER	E.Z.
OFFICE OF THE EXECUTIVE ENGINEER, ADDITIONAL PROJECT DIVISION W.P. & M.S.W. GHAZIABAD (D.A.)	