



**MAHEMDABAD NAGARPALIKA  
– MAHEMDABAD  
DISTRICT: KHEDA**



**TENDER NOTICE NO.04 / 2026-27  
SCHEME: -**

**Construction & Repairing Work of All Old and New Civil Work  
Maintenance With All Material and Labour For MahemdabadNagarpalika.**

Estimated Cost	Rs.956440.00
Earnest Money	Rs. 20,000.00 (In form FDR)
Tender Fee	Rs. 900.00 (Nonrefundable)
Class Of Agency	Class 'E1' and above
Time Limit	12 (Twelve) Month
Validity	90 Days From the date of opening
Last Date & Time of Online bid submission and Downloading of tender	As Per Milestone Date
Pre-bid conference, venue & date	No meeting
Submission Of EMD, Tender Fee & supporting Document about eligibility(Hard copy)	As per mile stone date at the office of chief officer Mahemdabad Nagarpalika by speed post/RPAD only in sealed cover. Duly super scribed with name of work & tender notice no. 01/2025-26
Date of Opening of Technical Bid	As Per Milestone Date ( if possible)
Date of Opening of Price Bid	As Per Milestone Date ( if possible)

**CHIEF OFFICER  
MAHEMDABADNAGARPALIKA,  
MAHEMDABAD. Dist: Kheda  
PHONE No: (02694)244098**

## 02 DETAIL OF TENDER NIVIDA

CHIEF OFFICER , NAGAR PALIKA, MAHEMDABAD					
Construction & Repairing Work of All Old and New Civil Work Maintenance With All Material and Labour For MahemdabadNagarpalika.					
(A)	Details of Tender Item:				
Sr. No.	Name of Work	Estimated Tender Value (Rs.)	EMD (1% of Estimated Amount In Rs.)	Tender fee In Rs.	Time Limit of Work
1.	2.	3.	4.	5.	6.
1	Construction & Repairing Work of All Old and New Civil Work Maintenance with All Material and LabourForMahemdabadNagarpalika.	956440.00	20000.00	900.00	12 (Twelve) Months
(B)	Schedule for e-tendering is fixed as under:				
	Last Date Downloading of tender documents	As Per Milestone Date			
	On line submission of Qualification bid with Technical bid & Price bid document	As Per Milestone Date			
	Submission Of EMD, Tender Fee & supporting Document about eligibility in hard copy.	Up to As Per Milestone Date at the office of chief officer MahemdabadNagar Palikaby speed post/RPAD/Courieronly in sealed cover. Duly super scribed with name of work & tender notice no.			
	Date of Opening Of Price Bid	As Per Milestone Date			
	Date of commencement of work	Within 15 days from the issuance of work order			
	Security Deposit	As per Rule shall be paid in the form of FDR immediately after the acceptance of tender.			
	Defects liability period	Defects liability period as Per PWD manual.			
C	Tenderer shall submit their offer i.e. technical bid as well as price bid in Electronic format on above mentioned website.				
D	Submission of Tender Fees, Bid Security and other valid Documents:				
	Tender Fee inform of DD and Bid Security i.e. EMD in the form of FDR in favor of "Chief Officer MAHEMDABAD Nagar Palika"from any Nationalized / Scheduled Bank and shall be valid up to 120 Days. FDR issued after the last date of submission of tender will not be considered as valid or accepted in any case.				
	Hard Copy Submission Up to as per milestone date at the office of chief officer Mahemdabad Nagar Palika by speed post/RPAD only in sealed cover Duly super scribed with name of work & tender Notice No. Pre Qualification of Contractor Will be Done on the Basis of Hard Copy Document and Same will be verified On line.				

E	<b>Submission of Hard Copy Document at Mahemdabad Nagar Palika</b>	
	a	Valid Registration Certificate of Government Approved Contractor Class 'D' and above
	b	Bank Solvency Certificate not less than 10.00 Lacs
	c	Register of Firms
	d	Partnership Deed (if applicable)
	e	Pan Card
	f	Tender Fee (DD) in favor of " <b>Chief Officer Mahemdabad Nagar Palika</b> "
	g	EMD (FDR) in favor of " <b>Chief Officer Mahemdabad Nagar Palika</b> "
	h	Turn Over certificate of Last Three Years with IT Return copy having sealed & signed by C.A.
	i	A bidder must have minimum experience of satisfactory completion (Above 955448.00/- of Last Three years of (1) Drainage Works (2) Building Works (3) Road and Paverblock Works (4) PVC / DI Pipe Lines Works
	j	Contractor shall submit EPF/PF Account number, certificate With Hard Copy of Tender. And necessary document of above Registration at time of every R.A. Bill With name of employees.
	k	Contractor have submitted Declaration Form (Page 15 of this tender) with stamp and sign along with physical submission.
	l	Contractor have submitted Special Condition (Gujarati Format) with stamp and sign along with physical submission.
	m	Contractor have submitted GST No. with stamp and sign along with physical submission.
		<b>Note :A Notarized Affidavit by Contractor Specifying that all the documents Provided by Him/her are Genuine.</b>
F		<b>Opening of Tender:</b>
	i	After evaluation of Tech. Bid, price bid of only those bidders would be opened online who are found to be eligible.
	ii	Further details/clarification if any required will be available From Chief Officer Mahemdabad Nagar Palika, station road, Mahemdabad. Dist: Kheda Phone no: (02694)244098
G		<b>General instructions:</b>
	i	The fees for on line tender document will not be refunded under any circumstances.
	ii	EMD in the form specified in tender document shall only be accepted.
	iii	Tenders without valid Tender document, fees, Earnest Money Deposit (EMD) and which do not fulfill all or any of the condition or submitted incomplete in any respect will be rejected.
	iv	Conditional tender shall not be accepted.
	v	This tender notice shall form a part of tender document.
	vi	The tenderers are advised to read carefully the "Instruction for Tenderer" and "Eligibility Criteria" contained in the tender documents.
	vii	The Internet site address for E-Tender is <a href="http://NagarPalika.nprocure.com">http://Nagar Palika. nprocure.com</a> and that of corporate web site is <a href="http://www.nprocure.com">www.nprocure.com</a>
	viii	<b>The Nagar Palika reserves the rights to reject any or all tenders without assigning any reason thereof.</b>
	ix	Before the deadline for submission of bids, the Employer may modify the bidding documents by Issuing corrigendum.

Chief Officer  
Mahemdabad Nagar Palika  
Mahemdabad

# **APPENDIX TO BID DETAILS**

### **03 - APPENDIX TO BID DETAILS**

**Name of Scheme** : **Self Fund**

**District** : **Kheda**

**Name of Work** : **CONSTRUCTION & REPAIRING WORK OF ALL OLD AND NEW CIVIL WORK MAINTENANCE WITH ALL MATERIAL AND LABOUR FOR MAHEMDABAD NAGARPALIKA.**

**Tender Fee** : **Rs. 900.00**

**Amount put to Tender** : **Rs. 956440.00/-**

**Earnest Money** : **Rs.20000.00**

**Time limit for Completion** : **12 (Twelve) Month**

Brief Description of works:

The main scope of works/service to be provided to the contractor under this bid will be as under

**Name & address of higher Authority:**

Chief Officer MAHEMDABAD NagarPalika MAHEMDABAD, Dist :Ahmadabad
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PRESIDENT MAHEMDABADNagarPalika MAHEMDABAD, Dist :Ahmadabad
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# **NOTICE INVITING TENDERS**

## **4-NOTICE INVITING TENDERS**

**Name of Work:** Construction & Repairing Work of All Old and New Civil Work Maintenance with All Material and Labour for Mahemdabad Nagar Palika.

**SCHEME : Self Fund**

1. Tender is invited on behalf of MAHEMDABAD Nagar Palika. The estimated cost of work is **Rs. 955448.00/- Annual Rate Contract** this estimate however, is given as a rough guide.
2. The work is required to be completed within **12 (Twelve) Months** per the terms of the contract conditions.
3. The contractors whose names are on the approved list of contractors of Gujarat State R&B Deptt. / W.R.D.----- will be permitted to tender. Not more than one tender shall be submitted by a contractor or by neither a firm of contractors nor two or more concerns in which an individual is interested as a proprietor and / or a partner. If they do so, all such tenders shall be liable to be rejected.
4. Bid Document can be downloaded & submitted in Electronic Format on Online website: [www.nprocure.com](http://www.nprocure.com) **Date up to AS PER MILESTONE DATE**
5. Copies of other drawings and documents pertaining to tender and signed for the purpose of identification by the Accepting Officer or his accredited representative will be open for inspection for tenderer at the following offices during working hours.
  - (a) **Chief Officer , Mahemdabad Nagar Palika, Mahemdabad.**
  - (b).....
6. Tenderers are advised to visit the site sufficiently in advance of the date fixed for submission of the tender. A tenderer shall be deemed to have full knowledge of all the relevant documents samples, site etc; whether he inspects them or not.
7. Submission of a tender by tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specification of the work to be done and of conditions and local conditions and other factors bearing on the execution of the works.
8. The bidder should quote his bid premium or rebate at the end of Schedule-B. If he do not wish to quote premium or rebate, he should indicate "at par" in the blank space preceding "% above / below" in Schedule-B. Thereafter he should work out and indicate the offered bid amount both in words and figures in Schedule-B.
9. All rates shall be quoted on E-Tendering System.
10. The tender for the works shall not be witnessed by a contractor or a contractor who himself / themselves has/have tendered or who may and has/have tendered for the same works. Failure to observe this condition shall render the tender of the contractor tendering, as well as of those witnessing the tender, liable to rejection.
11. The offered bid will be opened at **11.00** hours on date **AS PER MILESTONE** in the presence of bidders who may choose to remain present in the office of the Bid opening Authority Specified in Bid documents.
12. A Tenderer shall submit the tender who satisfies each and every condition laid down in this notice and tender documents, failing which the tender will be liable to be rejected.
13. MAHEMDABAD Nagar Palika does not bind itself to accept the lowest or any tender or to give any reasons for the decision taken.
14. This notice of tender shall form part of the contract documents

Date: .....

Chief Officer  
Mahemdabad Nagar Palika,  
Mahemdabad



**ITEM RATE TENDER  
AND  
CONTRACT  
FOR  
WORKS**

## 5. ITEM RATE TENDER AND CONTRACT FOR WORKS

1. Competency of Tenderer – No contract will be awarded except to responsible bidders capable of performing the class of works contemplated. Before the award of the contract, any bidder may be required to show that he has the necessary facilities, experience, ability and financial resources to perform the work in satisfactory manner within the time stipulated. Contractor may be required to furnish the department with the statement of their experience and their financial status.
  2. Tenderer will be deemed to have inspected the site and have satisfied to the nature of all works, all existing roads, water-way and other means of communication and access to and from the site and work and the building that may be required for temporary purpose in connection with the construction, completion and maintenance of the works and must make his own enquiries as to work, yard sites and depot, and dumps and as to acquisition of such additional sites and areas as may be necessary for temporary purpose for construction, completing and maintaining the works.
  - 2.1 (i) The Bids shall be offered in Electronic format only on online website [www.nprocure.com](http://www.nprocure.com) till the date and time shown on Page 2.  
(ii) Payment of Tender Fee, Earnest Money Deposit in form of Demand Draft and FDR respectively, shall be submitted in electronic format through online (by scanning) while uploading the bid. This submission shall mean that EMD & tender fee are received for purpose of opening the bid. Accordingly offer of bidder whose EMD & tender fees is received electronically. However, for the purpose of realization of D.D. bidder shall send the D.D. in original through RPAD/Speed post only so as to reach to Chief Officer MAHEMDABAD Nagar Palika, MAHEMDABAD within mentioned dates from the last date of uploading.
  - 3 **Payment:-** The tenderer must understand clearly that the rates quoted are for completed works and include all costs of labour, scaffolding plant, supervision, service works, power, royalties and octroi etc. , and to include all extras to cover the cost of night work if and when required and no claim for additional payment beyond the price/rates quoted will be entertained and the tenderer will not be entitled subsequently
- Contractors to please read this carefully:** (A) The percentage in Schedule 'B' must be given in figures. Amount thus worked out must also be entered in column and must be struck out whichever is not applicable by the tenderer.  
(B) If the tender is taken in favor of the company, a power of attorney in favor of the person who may have signed the tender for the company must accompany the tender.  
(C) Solvency certificate of a Bank or a Revenue officer of an amount not less than 20% of the tender cost plus the amount of works on hand still to be executed will have to be produced by the contractor.
4. The Contractor shall have to furnish PAN No. and I.T. ward under which he is assessed.
  5. Copies of certificate of previous experience, if any, must accompany the tender.
  6. Declaration showing all works on hand with the Contractor and the value of works that remains to be executed in each case must accompany the tender.
  7. In addition to the above, the tender will also be liable to be rejected outright if.  
(i) The bidder proposes any alteration in the work specified or in the time allowed for carrying out the work or any condition or correction made in any code or mode of Schedule-B or Specifications. Conditional tender will be outright rejected.

**Signature of the Contractor**

Chief Officer  
Mahemdabad Nagar Palika  
Mahemdabad

# **DECLARATION FORM**

## **6- DECLARATION FORM**

- (i) I/We hereby declare that I/We have visited the site and fully acquainted myself/ourselves with the local situations regarding materials, labour and other factors pertaining to the work before submitting this tender.
  
- (ii) I /We hereby declare that I/We have carefully studied the detail on nivida and conditions and special condition of contract, specifications and other all documents of this work and agree for execute the same accordingly.

**Signature of theContractor**

# મહેમદાવાદ નગરપાલિકા

તા.મહેમદાવાદ, જી.ખેડા

-: સામાન્ય શરતો:-

૧. ટેન્ડર ભર્યા બાદ તેને મંજૂર નામંજૂર કરવાનો અધિકાર/મહેમદાવાદ નગરપાલિકા કચેરીને અબાધિત રહેશે.
૨. શરતી ટેન્ડર સ્વીકારવામાં આવશે નહિ.
૩. કોન્ટ્રાક્ટરે ટેન્ડર ભરતા પહેલા પરિશિષ્ટમાં રહેલ ૩-૨ રહેલ કામની શરતો વાચીને ત્યારબાદ પરિશિષ્ટ-પત્રકમાં ભાવ ભરવાના રહેશે ભાવ.
૪. કોરુ ટેન્ડર ફોર્મ લઈ ગયા બાદ તેને સીલબંધ કવરમાં ફક્ત રજીતથા સ્પીડ પોસ્ટથી .ડી.પોસ્ટ એ. રૂબરૂ અગર કુરીયરથી આવેલ ટેન્ડરો ધ્યાન પર લેવામાં આવશે નહિ .મોકલવાના રહેશે
૫. કોન્ટ્રાક્ટરે ટેન્ડરના સીલબંધ કવરમાં પાનકાર્ડ તેમજ જીટી રજીસ્ટ્રેશન સ્વપ્રમાણીત નકલ ફરજિયાત .એસ. .મુકવી રહેશે
૬. સીલબંધ કવરમાં ટેન્ડર ફી, બાનાની રકમ, ઉપર શરતમાં જણાવેલ સ્વપ્રમાણિત નકલો તથા ટેન્ડર પ-ડોક્યુમેન્ટ(બધાજ પૃષ્ઠો પર કોન્ટ્રાક્ટરના સહી સિક્કા સાથેજો તેમ કરવામા ચૂક થશે તો .મુકવાના રહેશે ( .ટેન્ડર રદ કરવામાં આવશે તેમજ ભાવ ધ્યાનમાં લેવામાં આવશે નહી
૭. ટેન્ડર કવરની ઉપર કામનું નામ તથા કોન્ટ્રાક્ટરનું નામ તથા સરનામું લખવાનું રહેશે.
૮. સમયમર્યાદા બાદ પરત કરવામાં આવેલ ટેન્ડરો સ્વીકારવામાં આવશે નહિ.
૯. ટેન્ડર મંજૂર થયેથી અત્રેની કચેરી દ્વારા જાણ કર્યેથી દિનમાં ટેન્ડરમાં પરિશિષ્ટ ૭--૧ માં દર્શાવ્યા અનુસારનું કરારનામું રૂ૩.૦૦૨ માં દર્શાવ્યા -અને પરિશિષ્ટ .ના સ્ટેમ્પ પેપર પર કરવાનું રહેશે -/જે કરવામા ચૂક થયેથી .ના સ્ટેમ્પ પેપર પર કરવાનું રહેશે -/૩૦૦.અનુસારની શરતોનું કરારનામું રૂ .ટેન્ડર રદ કરવામાં આવશે તથા બાનાની રકમ જપ્ત કરવામાં આવશે
- ૧૦ નિયમોનુસાર સિક્યોરીટી ડીપોઝીટ તથા કરાર કર્યા બાદ વર્ક ઓર્ડર ઇસ્યુ કરવામાં આવશેવર્ક ઓર્ડર . સમયમર્યાદામાં કામ .તથા સમયમર્યાદામાં કામ પૂર્ણ કરવાનું રહેશે .ઇસ્યુ થયેથી કામ શરૂ કરવાનું રહેશે .નો વિલંબિત ચાર્જ વસુલ કરવામાં આવશે -/૫૦૦.પૂર્ણ ન કરી શકવાથી પ્રતિ દિન રૂ
- ૧૧ બાનાની રકમ વર્ક ઓર્ડર ઇસ્યુ થયા બાદ તથા સિક્યોરીટી ડીપોઝીટ કામ પૂર્ણ થયા અંગેનું પ્રમાણપત્ર મળ્યાના ૧ માસ બાદ કોન્ટ્રાક્ટર દ્વારા અરજી કર્યેથી પરત કરવામાં આવશે.
- ૧૨ ભવિષ્યમાં કામ બાબતે કોઇ પ્રશ્ન ઉપસ્થિત થાય તો પ્રશ્નનું નિરાકરણ કરવાની સત્તા ચીફ ઓફીસરશ્રીને આપવામાં આવે છે અને ચીફ .ઓફીસરનો નર્ણય આખરી રહેશે.

કોન્ટ્રાક્ટર/એજન્સીનો સહી તથા સિક્કો

# પરિશિષ્ટ-૧

## નમૂનારૂપ કરારનામું

મુખ્ય અધિકારી

કરારનામું કરાવનાર

મહેમદાવાદ નગરપાલિકા

મુમહેમદાવાદ.મહેમદાવાદ તા.

જીખેડા.

કોન્ટ્રાક્ટરનું નામ

કરારનામું કરનાર

તથા

સરનામું

વિષય :- નગરપાલિકાના બાંધકામ વિભાગમાં નવા/જૂના બાંધકામ રીપેરીંગ કરવાનું કામ.

સદરહું કામનું અમારું ટેન્ડર અમોએ ભાવ પત્રકમાં ભરેલા ભાવ મુજબ મંજૂર કરવામાં આવેલ છે. જત આ કરારનામાથી હું કબૂલાત આપું છું કે, આ કામોની તમામ વિગત, નિયમો, શરતો વગેરે હું સમજ્યો છું અને તે સમજી વિચારીને જ મેં ભાવ ભરેલ છે તથા તમામ નિયમો અને ભાવ મને બંધન કર્તા રહેશે.

સદર કામ નગરપાલિકા તરફથી મળતી સૂચના તથા ટેન્ડર નોટીસમાં જણાવેલ શરતો અનુસાર પૂર્ણ કરવા બંધાઉં છું તથા વર્ક ઓર્ડર આપ્યાની તારીખથી કામની મુદત ગણવામાં આવશે. જો જણાવેલ મુદતમાં કામ પૂર્ણ ન કરવામાં આવે તો ટેન્ડરમાં જણાવેલ દંડની રકમ નગરપાલિકા વસૂલ કરી શકશે. આ ઉપરાંત ટેન્ડરમાં દર્શાવેલ સામાન્ય શરતો તથા પરિશિષ્ટમાં આપેલ કામની શરતો આ કરારનો ભાગ ગણાશે.

ઉપર જણાવેલ ટેન્ડરની શરતો, કરારની શરતો, કામની મુદત તથા દંડની રકમ મને કબુલ છે. કામનું ચુકવણું ઉપલબ્ધ ગ્રાન્ટ/નગરપાલિકાની નાણાકીય પરિસ્થિતિ મુજબ કરવામાં આવશે અને આ કામગીરી નિયત સમયમાં ગુણવત્તા પૂરે પૂરી જળવાઈ રહે તે મુજબ સંતોષકારક રીતે કરી આપવા બંધાઉં છું. વર્ક ઓર્ડર મળ્યેથી દિન-૭ માં કામગીરી શરૂ કરવાની રહેશે, જો કામ શરૂ કરવામાં નહીં આવે તો નગરપાલિકા વગર નોટીસે કામ રદ કરી શકશે તથા તે સામે મારો કોઈ જાતનો વાંધો કે તકરાર ચાલશે નહીં.

ઉપરોક્ત વિગતે ટેન્ડરની શરતો તથા અન્ય વિગતો બરાબર સમજી વિચારી, અક્કલથી હોશીયારીથી બીનનશે, બીનકેફે આ કરારનામું કરી આપું છું. તેમાં મારા વાલી-વારસો ભાગીદારો કોઈ

વાંઘો કે તકરાર લઈ શકશે નહીં. તે બાબતની બાહેધરી લખી આપું છું. અને આ કરારથી કામ કરવા સંમત છું.

તા...../...../.....

કોન્ટ્રાક્ટર/એજન્સીનો સહી તથા સિક્કો

સાક્ષીની સહી તથા પૂરું નામ

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ઉપરોક્ત કામનું કરારનામું સ્વીકારવામાં આવે છે.

તા...../...../.....

મુખ્ય અધિકારી  
મહેમદાવાદ નગરપાલિકા

કોન્ટ્રાક્ટર/એજન્સીનો સહી તથા સિક્કો

# **SCHEDULE –B**



## 12 SCHEDULE – B

### Mahemdabad Nagar Palika

**Name of work:** Construction & Repairing Work of All Old and New Civil Work  
Maintenance with All Material and Labour For Mahemdabad Nagar Palika.

**SCHEME** : Self Fund

## SCHEDULE – B

### MAHEMDAVAD NAGARPALIKA

**Name of work:** Annual Rate for Construction & Repairing Work (Year 2024-25) at Bareja Nagar Palika.

### SCHEME : Government Grant/ Self Fund

Sr. No.	Item Description	Unit	Rate	Final Rate(L .C+ GST)
1	Excavation for foundation up to 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	115.92	137.94
2	Excavation for foundation up to 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff up to 50 Meter lead.(B) Dense or Hard soil	cu.m	148.19	176.34
3	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	128.52	152.93
4	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	160.77	191.31
5	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	141.11	167.92
6	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	172.50	205.27
7	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering.	cu.m	129.10	153.62
8	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete	cu.m	455.63	542.19

9	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete.	cu.m	279.23	332.28
10	Filling in foundation and plinth with brick Bats Chhara in layers of 20cm. thickness including watering, remming and consolidating etc. complete.	cu.m	594.61	707.58
11	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil ( EXECUTED WITH MANUAL LABOUR)	cu.m	115.92	137.94
12	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil ( EXECUTED WITH MANUAL LABOUR)	cu.m	148.19	176.34
13	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil( EXECUTED WITH MANUAL LABOUR)	cu.m	128.52	152.93
14	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil( EXECUTED WITH MANUAL LABOUR)	cu.m	160.77	191.31
15	Providing and laying cement concrete 1:3:6 (1-Cement : 3- coarse sand : 6- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	cu.m	2976.00	3541.44
16	Providing and laying cement concrete 1:4:8 (1- Cement : 4- coarse sand : 8- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	cu.m	2653.67	3157.86
17	Providing and laying cement concrete 1:3:6 (1- Cement : 3- Coarse sand : 6- crushed stone aggregates 20 mm nominal size) and curing complete including cost of formwork in (A) Wall Caps / Coping	cu.m	3957.11	4708.96
18	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	kg	66.59	79.24
19	Extra for additional lift of concrete for all R.C.C. work above floor two level excluding cost of reinforcement	cu.m	39.40	46.88
20	Extra for additional lift of reinforcing steel for all R.C.C. work above floor two level.	kg	0.99	1.17
21	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2- coarse sand : 4- graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening, cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (B) 40mm thick	Sqm	633.60	753.98
22	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2- coarse sand : 4- graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening, cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (C) 25mm	Sqm	602.25	716.67

	thick			
23	Providing and laying damp proof course 25mm thick cement concrete 1:2:4 (1-Cement : 2 coarse sand : 4 stone aggregate 10 mm nominal size) and curing complete	Sqm	302.34	359.78
24	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete.	cu.m	3821.94	4548.1
25	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level	cu.m	4103.78	4883.49
26	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (C) Slabs, landing, shelves, Balconies, Lintels, Beams, Girders and Cantilever upto floor two level	cu.m	4079.97	4855.16
27	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level.	cu.m	4177.81	4971.59
28	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (E) Staircases excluding landing upto floor two level	cu.m	5084.54	6050.6
29	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (K) Vertical and Horizontal its upto floor two level.	cu.m	4459.96	5307.35
30	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete	cu.m	3914.94	4658.77
31	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level	cu.m	4421.24	5261.27
32	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs, landing, shelves, Balconies Lintels, Beams, Girders and Cantilever upto floor two level.	cu.m	4397.42	5232.92
33	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level.	cu.m	4495.26	5349.35
34	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (E) Staircases excluding landing upto floor two level	cu.m	5355.97	6373.6
35	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (K) Vertical and Horizontal its upto floor two level.	cu.m	4639.03	5520.44

36	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete.	cu.m	4193.08	4989.76
37	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level	cu.m	4474.93	5325.16
38	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs,landing,shelves,Balconies, Lintels, Beams, Girders and Cantilever upto floor two level.	cu.m	4451.12	5296.83
39	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts, upto floor two level.	cu.m	4548.95	5413.25
40	Providing and applying anticorrosive treatment with polymer base materials to the steel reinforcement including descaling the dust and applying the preventive coating of approved make (for the R.C.C. structures near coastal area only) etc complete.	MT	4007.85	4769.34
41	Providing and laying in position Ready Mixed M-200 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained)	cu.m	4729.84	5628.5
42	Providing and laying in position Ready Mixed M-250 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 450 kg )	cu.m	4808.38	5721.97
43	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional	cu.m	3981.21	4737.63
44	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement	cu.m	4725.60	5623.46

	: 6 -fine sand)(C) Fly Ash Bricks			
45	Extra for brick work in superstructure above plinth level upto floor two level (B) Conventional	cu.m	265.65	316.12
46	Extra for brick work in superstructure above plinth level upto floor two level(C) Fly Ash Bricks	cu.m	265.65	316.12
47	(ii) Half brick masonry in common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1- Cement : 5 -coarse sand ) in foundation and plinth (B) Conventional	Sqm	583.49	694.35
48	(ii) Half brick masonry in common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1- Cement : 5 -coarse sand ) in foundation and plinth (C)Fly Ash Bricks	Sqm	655.05	779.5
49	Extra for brick work in superstructure above floor two level Item No. 5 (B) Coventional	cu.m	40.09	47.7
50	Half brick masonry in common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 ( 1-Cement : 3-coarse sand ) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (B) Conventional	Sqm	656.64	781.4
51	Half brick masonry in common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 ( 1-Cement : 3-coarse sand ) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (C)Fly Ash Bricks	Sqm	735.90	875.72
52	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (A) Foundations Footings Bases of Columns etc. and Mass concrete.	Sqm	171.68	204.29
53	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (B) Flat surfaces such as soffits of supspened floors slabs Landings and the like. (1) Floors etc.upto 200 mm in thickness.	Sqm	250.43	298.01
54	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (B) Flat surfaces such as soffits of suspended floor roof slabs Landings and the like. (2) Floors etc. above 200mm in thickness.	Sqm	250.73	298.36
55	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete	Sqm	229.95	273.64

	work in. (C) Vertical surface such as walls (any thickness) partitions and the like including attached buttresses & string course & the like.			
56	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (G) Columns Pillars Posts and struts. (1) Square Rectangular Polygonal in plan.	Sqm	297.68	354.23
57	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (G) Columns Pillars Posts and struts. (2) Circular or curved in Plan.	Sqm	382.73	455.44
58	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (H) (1) Sides and soffits of Beams Beam Haunchings cantilevers Girders Bressumers and Lintels not exceeding 1 M. in Depth.	Sqm	193.73	230.53
59	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (H) (2) Sides and soffits of Beams Beam Haunchings cantilevers Girders Bressumers and Lintels exceeding 1M.in Depth.	Sqm	258.30	307.37
60	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (I) Edges of slabs and Breaks in floors and walls.	Sqm	67.89	80.78
61	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (K) Small surface as such as cantiever brackets and ends of steps caps and basses to pilasters and Columns and the like.	Sqm	488.25	581.01
62	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete	Sqm	154.35	183.67

	work in. (L) ChullahHoods, weather shades Chhajjas Corbels etc. including edges.			
63	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (M) Staircase with sloping or stepped soffits including risers and stringers excluding landing.	Sqm	242.55	288.63
64	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (Q) Vertical fins and vertical sun breakers.	Sqm	381.15	453.56
65	Providing wood work in frames of Doors, windows cleare story windows and othersimilar works wrought, framede and fixed in position. (A) Indian Teak Wood	10 Cu.Dm.	602.04	716.42
66	Providing wood work in Trusses, Purling, Rafter, Post,Post Plates, wall plates and the like wrought framed, hoisted and fixed in position	Cu.Dm.	1336.98	1591
67	Providing wood work in frames of false- ceiling, partitions etc sawn and put up in position. (A) Indian Teak Wood	Cu.Dm.	653.88	778.11
68	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodisedalluminium butt hinges with necessary screws.(A) Indian Teak Wood (1) Fully Panelled	Cu.Dm.	3902.35	4643.79
69	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodisedalluminium butt hinges with necessary screws. (A) Indian Teak Wood (ii) Fully Glazed.	Sqm	3211.96	3822.23
70	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodisedalluminium butt hinges with necessary screws. (A) Indian Teak Wood(iii) Partly panelledand partly glazed.	Sqm	3557.15	4233
71	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled.	Sqm	3620.47	4308.35
72	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed.	Sqm	2930.08	3486.79
73	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed.	Sqm	3275.28	3897.58
74	Providing and fixing 25 mm thick shutters for cupboards etc. including anodisedalluminium butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled.	Sqm	3034.10	3610.57
75	Providing and fixing 25 mm thick shutters for cupboards etc. including anodisedalluminium butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed.	Sqm	2594.74	3087.74
76	Providing and fixing 25 mm thick shutters for cupboards etc. including anodisedalluminium butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelledand partly glazed.	Sqm	2814.42	3349.15

77	Providing and fixing 25 mm thick shutters for cupboards etc. including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled.	Sqm	3006.75	3578.03
78	Providing and fixing 25 mm thick shutters for cupboards etc. including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed.	Sqm	2567.38	3055.18
79	Providing and fixing 25 mm thick shutters for cupboards etc. including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelledand partly glazed.	Sqm	2787.06	3316.6
80	Providing and fixing flush door shutters, solid core construction with frame of first class hardwood with cross board and face veneer or plywood face panels, including anodisedaluminium butt hinges with necessary screws. (B) Non-decorative type and block board core anodisedaluminium butt hinges in flush door shutters (2) 35 mm thick.	Sqm	1779.97	2118.16
81	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill.	kg	100.17	119.2
82	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws. (B) ORNAMENTAL GRILL	kg	139.55	166.06
83	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized aluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed.	Sqm	4595.06	5468.12
84	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized aluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.	Sqm	5285.45	6289.68
85	Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (A) In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like.	q	5761.04	6855.63
86	Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (D) In trusses and trussed purlins, upto 25 M. span and 15 M overall height.	q	6529.86	7770.53
87	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push- pull operation complete but excluding the cost of hood cover and spring. (A) Shutters having width below 3.5.M.	Sqm	3468.72	4127.77
88	Providing and fixing M.S. Fan clamps type 1 to 16mm dia M.S. bar bent to shape with hooked ends to R.C.C. slabs curing, laying including painting the exposed portion of loops, all as per standard design complete.	Each	124.74	148.44



89	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 95mm x 24mm x 1.17mm @ wt.of 0.738 Kg/mt , horizontal Three track member size 92mm x 31.75mm x 1.30mm,@ Wt.1.07 Kg/mt , vertical member of size 92mm x 31.75mm x 1.50mm @ Wt. 1.06 Kg/mt with sliding shutters of horizontal member size 40 mmx18mm x1.29mm @ wt.of 0.456 Kg/mt, vertical member of size 40mm x 18mm x 1.29 mm @ wt.of 0.456Kg/mt/ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc	Sqm	1576.11	1875.57
90	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 63.50 x 38.10 x 1.95 mm,@ Wt 1.094 Kg / Rmt, horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm @ wt.of 0.695 Kg/mt, vertical member of size 61.85 mm x 31.75mm x 1.30 mm @ wt.of 0.659 Kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt, vertical member of size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt, @ Wt. 0.457 Kg/mt with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	Sqm	1688.78	2009.64
91	Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm @ Wt 1.094Kg / Rmt with colour anodized alluminium frame with 5 mm thick transparent bronze colour tinted float glass with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for.window	Sqm	1278.03	1520.85
92	Providing and fixing standared extruded of alluminium section of size 63mm x 38.10mm x 1.2mm @ Wt. 0.643 Kg/mt with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	Sqm	1163.92	1385.06
93	Providing and laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in height on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand ) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (A) Light shades using white cement	Sqm	656.78	781.56
94	Providing laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in hieght on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand ) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (B) Medium Shades using approx. 50% white Cement and 50% ordinary cement	Sqm	718.20	854.65
95	Providing and laying white glazed tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand ) finishing with flush pointing in white cement.	Sqm	899.33	1070.2
96	Providing and laying Ceramic tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand ) finishing with flush pointing in white cement.	Sqm	940.28	1118.93
97	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3- coarse sand ) finishing with	Sqm	1062.50	1264.37

	flush pointing in white cement.			
98	Providing and laying Vitrified tiles 8 to 10 mm thick , 36" x 36" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3- coarse sand ) finishing with flush pointing in white cement.	Sqm	1469.91	1749.19
99	Providing and laying Ceramic tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3- coarse sand) and jointed with white cement slurry	Sqm	971.78	1156.41
100	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	Sqm	1130.15	1344.87
101	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1 cement : 6-coarse sand) or L.M. 1.1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick	Sqm	544.03	647.39
102	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1 cement : 6-coarse sand) or L.M. 1.1.5 laid over and jointed with grey cement slurry including rubbing and polishing etc. complete. (B) 30 mm thick	Sqm	1045.80	1244.5
103	Providing and laying polished kota stone slab 25mm thick in risers of steps,skirtingDedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.	Sqm	1116.68	1328.84
104	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 ( 1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finished with flush pointing & cleaning the surface etc. complete for DARK shade	Sqm	1269.54	1510.75
105	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 ( 1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finished with flush pointing & cleaning the surface etc. complete for antiskit	Sqm	1383.99	1646.94
106	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 ( 1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finished with flush pointing & cleaning the surface etc. complete for light shade	Sqm	1236.38	1471.29
107	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M200 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete.	Rmt	381.15	453.56
108	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidlines of IRC : SP 63-2018 etc. Complete.	Sqm	680.10	809.31

109	Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed.	Sqm	739.89	880.46
110	Providing corrugated G.I. sheet of class-3 roofing fixed with glavanished iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.80 mm thick sheet.	Sqm	719.93	856.71
111	Providing ridges or hips 600 mm overall in plain G.I. sheet class-3 fixed with G.I.J. or L Hooks and nuts 8mm dia G.I. Limpet and bitumen washer complete. (1) 0.80 mm thick sheet.	Sqm	635.58	756.34
112	Providing valleys 900mm overall in plain 1.6mm thick G.I. sheet fixed with G.I. J or L Hooks, Bolts and nuts glavanised iron J or L Hooks Bolts and nuts 8mm dia G.I. Limpet and bitumen washers complete.	Sqm	1042.78	1240.9
113	Providing and fixing 150mm wide 450mm over all semicircular plain G.I.sheet class-3 gutter with Iron brackets 40mm x 3mm size Bolts, Nuts, washers etc. including making necessary connection with rain water pipes. (i) 0.80 mm thick Sheet.	Sqm	535.50	637.24
114	Providing and fixing on wall face C.I. Rain water pipe including filling the joints with spun yarn soaked in neat cement slurry and cement mortar 1:2 (1- Cement : 2-fine sand) (A) 75 mm dia.	Rmt	283.62	337.5
115	Providing and fixing eco-friendly light weight calcium silicate false ceiling tiles having Tegular edge & 15 mm Thick Densified edges on the Tile Periphery for Extra Strength The Light weight calcium silicate ceiling tiles shall have , light reflection 85% non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity0.043° w/m KC.for the best thermal Insulation . The Light weight calcium Silicate tile shall be of approved texture Fine fissured/ Spintone/Cosmos having NRC value of 0.5 & Globe having NRC value of 0.75 NRC or equivalent of size 595 X 595 mm to be laid on true horizontal level suspended inter locking metal grid of hot dipped galvanized steel sections (galvanizing @120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and size of 24X38mm made from 0.30 mm thick (minimum) sheet, 1200mm centre to centre, and cross 'T' of size 24X28mm made out of 0.33mm (Minimum) sheet spaced 1200mm along spaced between main 'T' at 600mm centre to centre to form agrid of 1200X600mm and secondary cross 'T' of length 600mm and size 24x28mm made of 0.30 mm thick (Minimum) sheet to be interlocked at middle of the 1200X600mm panel to form grid of size 600X600mm resting on periphery walls/partitions on a perimeter wall angle pre-coated steel of size (24X24X3000mm made of 0.40mm thick (minimum) sheet with the help of rawl etc.	Sqm	1632.63	1942.82

116	Pro. And fixing single layer water proof gypsum board 12.5 mm thick sections using water proof board of size 1220 mm x 1830 mm x 8.0 mm suspended by GI suspender channel of size 25 mm x 3 mm with intermediate channel of size 18 mm x 40 mm x 0.8 mm at 1220 mm center to center ceiling section of size 40 mm x 35 mm x 0.55 mm at 457 mm c/c and perimeter channel A of size 20 mm x 27 mm x 30 mm x 0.5 mm at edges & drops incl.paper tap sand soffit cleat, anchor fastener, scotch bolt connecting cleat,joining compound top coat on ceiling incl.makingnecy.opening for light fitting,diffuser etc. comp. as per detail drawing as directed	Sqm	600.94	715.11
117	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (iii) Cement mortar 1:3 (1-cement:3-sand)	Sqm	192.15	228.65
118	Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)	Sqm	247.28	294.26
119	20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.	Sqm	332.33	395.47
120	Pointing on brickwork with cement mortar 1:3 (1-cement : 3-coarse sand) (A) Flush pointing	Sqm	94.35	112.27
121	Pointing on coursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand) (A) Flush pointing	Sqm	85.85	102.16
122	Pointing on Uncoursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand) (A) Flush pointing	Sqm	98.60	117.33
123	Providing 20 mm thick double coat mala cement plaster on interior brick / concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 (1 Cement : 2 Coarse sand) finished with trowel including scaffolding curing etc. complete.	Sqm	267.75	318.62
124	White washing with lime on wall surface (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust; mortar drops and other foreign matter.	Sqm	11.97	14.24
125	Colour washing with lime on wall surface (two coats ) over and including a primary coat of white washing to give an even shade after through brooming the surface to remove all dirt, dust, mortar drops and other foreign matter.	Sqm	12.14	14.44
126	Distempering with dry distemper of approved brand and manufacture (two coats) and of required shade on wall surfaces of given an even shade, over and including a priming coat of whitening after thoroughly brooming the surface free from mortar dropping and other foreign matter.	Sqm	46.94	55.85
127	Distempering with dry distemper of approved brand and manufacture (One coats) and of required shade on wall surfaces of given an even shade, after thoroughly brushing the surface clean of all grease, dirt, loose pieces of scales including preparing the surface even and sand papered smooth.	Sqm	14.81	17.62

128	Distempeing (Two coats) with oil bound distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and sand papered smooth.	Sqm	71.19	84.71
129	Distempeing (One coats) with oil bound washable distemper of approved brand and of required shade on wall surfaces to give an even shade, after thoroughly brushing the surface clean of all grease dirt, loose pieces of scales and also including distempering with oil bound washable distemper of preparing the surface even and smooth.	Sqm	26.94	32.05
130	Finishing wall with water proofing cement paint of on wall surfaces (Two coats) to give an approved brand and manufacture and of required shape even shade after thoroughly brushing the surface to remove all dirt and remains of loose powered materials.	Sqm	56.70	67.47
131	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	Sqm	78.12	92.96
132	Applying priming coat over new steel and other metel surface after and including preparing the surface by throughly cleaning, oil,grease, dirt and other foreign matter and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead.	Sqm	34.82	41.43
133	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleanicn the surface of all dirt, dust and other foreign matter.	Sqm	68.94	82.03
134	Painting one coats (excluding priming coat) on previously painted steel and other metal surface with enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	54.66	65.04
135	Painting two coats (excluding priming coat) on new steel and other metal surface with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	64.66	76.94
136	Painting one coats (excluding priming coat) on previously printed steel and other metal surface with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	44.10	52.47
137	Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paint, interior to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping.	Sqm	86.94	103.45
138	Painting one coats (excluding priming coat) on previously painted wood and wood based surface with enamel paint, to give an even shade including cleaning the of all dirt, dust and other foreign matter.	Sqm	54.98	65.42
139	Polishing withfrench polish on new wood and wood based surface to give an even surface including cleaning, the surface of all dirt, dust and sand papering smooth and including a coat of wood filler.	Sqm	131.84	156.88

140	Polishing with french polish on previously polished wood and wood based surface to give an even surface including cleaning, the surface of all dirt, dust and sand papered smooth and including a coat of wood filler.	Sqm	67.58	80.42
141	Painting lines, dashes, arrows, letter etc on roads, Air fields and like in two coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (i) Over 10cm in width	Sqm	121.91	145.07
142	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	sqm	113.40	134.94
143	Applying two coats of putty & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth.	sqm	40.19	47.82
144	Demolition and disposal of unserviceable materials with all lead and lift.(i) Lime concrete.	cu.m	510.30	607.25
145	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	cu.m	1020.60	1214.51
146	Demolition of Brick work and stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	cu.m	352.80	419.83
147	Demolition of terrace including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(i) Brick tile covering.	Sqm	61.59	73.29
148	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	Sqm	46.31	55.1
149	Dismantling of wooden floors including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	Sqm	69.30	82.46
150	Dismantling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(i) G.I.sheet roofing.	Sqm	46.31	55.1
151	Dismantling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(ii) A.C. sheet roofing.	Sqm	51.51	61.29
152	Dismantling wood work, wrought framed and fixed in frames trusses including stacking the materials with all lead and lift.	cu.m	1694.70	2016.69
153	Dismantling expanded metal or I.R.C Fabric with necessary battens and beadings including frame work, and stacking the serviceable materials with all lead and lift.	Sqm	53.87	64.1
154	Dismantling steel work including distempering and stacking the materials with all lead and lift.	Kg	3.63	4.31
155	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(i) Not exceeding 3 Sq.M. in area.	Each	181.13	215.54
156	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(ii) Exceeding 3 Sq.M. in area.	Each	242.55	288.63
157	Dismantling barbed wire in fencing including making rolls and also including dismantling fencing posts including all earth work	Rmt	64.26	76.46

	concrete in base and making good the disturbed ground stacking useful materials as directed and disposing as directed and disposing of the unserviceable materials with all lead and lift.			
158	Dismantling C.I.pipes G.S.W.pipesabd A.C. rain water pipes with fittings and clamps including stacking the materials with all lead and lift ( for any dia, of pipe)	Rmt	72.30	86.03
159	Dismantling santtary fittings like wash basin . W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift.	Each	390.60	464.81
160	Scraping oil paint from steel and other metal surface and making the surface even (with Hand Scraping.)	Sqm	48.83	58.1
161	Removing and scraping of old deteriorated plaster of any thickness fromm wall / R.C.C member including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift	Sqm	18.75	22.31
162	Providing and fixing PUF Insulated continuous sandwich panels for roofs of total thickness not less than 30 mm made out from continue line method.Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated in shape for GI and PU foam both material.The crest height of the panel shall be of 35mm minimum wiht 250mm c/c pitch. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of 120 gsm as per IS:277 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have protective guard film of minimum 25 microns to avoid scratches wihiletrasportation.The roof panels are laid over a frame work of trusses, columns and purlins fixed using 90mm self drilling bolt with rubber washer including all types of flashings. PU Foam must be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.( +, - 2 Kgs) including 0.25mm craft paper edging,self tapping screws of required length and nos.etc complete as per structural design and direction of Engineer-in-charge.	Sqm	3086.92	3673.43
163	Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 50 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during trasportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.( +, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.	Sqm	3087.17	3673.73

164	Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 40 mm and width 1.0 m made out from continue line method on automatic plant. Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.( +, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.	Sqm	3019.85	3593.62
165	Structural steel work ( Confirming to IS 4923-1997) riveted, bolted or welded in builtup for all type sections, in framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete as per the structural designs and directions of Engineer in charge. Column ( 122 x 61 x 3.6mm )	kg	126.68	150.74
166	Providing and fixing of Bottom and top U track for closing of end joints for cut PUF panels of size of 52mm x 30mm with 5mm lipping on Both edges. The U track shall be made out of 0.5 mm thick pre coated GI sheet. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall roof panels and plinth with Expandable fastners with minimum spacing of 450 mm c/c. The Utrack shall be fixed	Rmt	577.18	686.84
167	Providing and fixing M.S. fan clamps of shape and size as specified in existing R.C.C. slab including cutting chase and making good.	Each	173.25	206.16
168	Cutting out cracks of roof terrace to V- section , cleaning out, wetting , grouting with cement and sand slurry 1:3 (1-cement 3-sand )	Rmt	64.58	76.85
169	Cutting out cracks roof terrace to V-Section cleaning out and filling solidly with a hot mixture of bitumen and clean dry sand (1:1 by weight)	Rmt	74.34	88.46
170	Providing and fixing 1.20 Metre high fencing with 2.0 Metre long M.S. Angle posts 40mm x 40 mm x 6 mm and oil painting 3 coats fixed at 2.5 Mt./c. with five Horizontal lines and two diagonals of galvanised steel barbed wire weighting 9.38 Kg. per 100 Metre, strained and fixed to posts with G.I. staples including fixing the posts in ground with 0.5 M x 0.5 M x 0.5 M. block in C.C. 1:5:10 etc complete.	Rmt	385.40	458.62
171	Constructing a sink (chowkedi) with C.C. 1:2:4, 12cm. thick over B.B. masonry in C.M.(1:6) in front and dwarf wall 1.0 Mt. high and 23 cm. thick cement plaster to masonry / in C.M. 1:3) and cement concrete flooring in 1:2:4: 150 mm x 5 cm. dia. drain pipe etc. complete.	Rmt	2235.66	2660.43



172	Constructing a cooking platform 60 cm. width and 70 cm high resting on B.B.Masonry walls 23 cm.thick in C.M.(1:6) with (i) Fixing or precast R.C.C.1:2:4) 8 cm. thick slab with marble chips set in C.M. (1:6) (6mm thick terrazo) with plastering on exposed faces walls in C.M. (1:4) etc complete.	Rmt	2668.90	3175.99
173	Applying general insecticide pest control treatment to floors, cupboards etc including labour materials etc. complete. Using Imidacloprid 30.5 SCas Per IS 6313 part - II( 0.075% concentration by mass) is recommended 10.5ml chemical diluted with 5 liters of water application 0.5 litre chemical /Sqm of surface is recommended as per I.S.	Smt	88.40	105.19
174	Carring out plinth treatment to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistment with I.S.I specification. Using Chlordene and Chiorpurfiles 20 EC. As Per 6131_paret-II Concentration Weight one percent is recommended i.e one litre 20 EC chemical emulsion with 19 liter give 1 % concentration inclusive of one litre chemical emulsion appication at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S	Smt	123.05	146.42
175	Providing and laying, Spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mix plant carriage of mixed material by tipper to site,laying in uniform layers with motor grader in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density.	cmt	1062.78	1264.7
176	Supply & fixing factory finished cold formed Light guagesteel frame sections confirming to SP:6 (5) 1980 at site or work including riveted, bolted or welded in builtup for all type of sections ,in framed work, cutting, hoisting, fixing in position and applying primer coat of approved steel primer etc. complete as per structural designs & directions of Engineer-in-charge.	Kg	113.31	134.83
177	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(A)20mm	Rmt	64.89	77.21
178	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(B)25mm	Rmt	80.64	95.96
179	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(C) 32mm	Rmt	96.56	114.9
180	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(D) 40mm	Rmt	124.43	148.07
181	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression	Rmt	163.80	194.92

	type fittings, wall clipsetc. including making good the wall ceiling and floor.(E) 50mm			
182	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure polythene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(F) 75mm	Rmt	274.68	326.86
183	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(G) 110mm	Rmt	332.91	396.16
184	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(B) 75mm dia.	Rmt	732.09	871.18
185	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(C) 100mm dia.	Rmt	881.64	1049.15
186	Providing and fixing in position cowel went to pipes.(B) 75mm dia.	Each	732.09	871.18
187	Providing and fixing in position cowel went to pipes.(C) 100mm dia	Each	811.64	965.85
188	Providing and fixing cast iron (Spun) Nahni trap of the following nominal diameter of self cleaning design with C.I. screaed down or higned grating including cost of cutting and making good the walls and floor 100mm inlet and 50mm outlet.(C) 100mm dia.	Each	598.50	712.21
189	Providing and fixing water closet squatting Pan (Indian type W.C. Pan) size 580mm (Earthwork, bed concrete, foot reste and trap to be measured and paid for separately) (A) Vitreous China.(I) Long pattern = White colour	Each	924.53	1100.19
190	Providing and fixing wsh down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1- Cement : 1-fine sand) (Seal and cover to be measured and paid for separately)(A) vitreous China Pattern :(i) in white colour	Each	1290.80	1536.05
191	Providing and fixing in Cement Mortar 1:3 (1-Cement : 3 coarse sand)a, pair of white vitreous China 250mm x 130mm x 30mm footrest to long pattern squatting pan water closet.	Each	113.54	135.11
192	Providing and fixing 12.5 Litres high level C..I. flushing cistern with A pair of C.I. or Mild steel brackets, womplete with fittings such as syplionic arrangement, 15mm nominal size brass ball valve with polythene float, lever G.I. China (60 cm. ) and pull union and couplings for connections with inlet, outlet and overflow pipes etc. including cutting holes in walls and making good the same (overflow pipe to be measured and paid fo separately )	Each	1538.93	1831.32
193	Providing and fixing in position with clamps etc. 32mm nominal internal diameter galvanised steel tube flush pipe for high level flushing cistern including connecting the flush pipe with cistern and closet and making good the walls and floors.	Rmt	212.63	253.02
194	Providing and fixing G.I. inlet connection for flush pipe with W.C. Pan	Each	25.20	29.98
195	Providing and fixing plastic seat and cover for wash down water closer with C.P. brass hinges and rubber buffers. (B) Black plastic seal and cover.	Each	288.45	343.25
196	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S.brackets painted white including sutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat	Each	1439.55	1713.06

	Back washbasin 550 mm x v 400mm size. (i) In white colour.			
197	Providing and fixing Kitchen sink with C.I. or M.S. brackets, painted white including cutting holes in walls and making good the same but excluding fittings. (C) Vitreous China Sink.(i) 600mm x 450mm x 150mm size	Each	2257.69	2686.65
198	Providing and fixing C.P. brass waste for washbasin or sink. (A) 32mmdia.	Each	67.24	80.01
199	Providing and fixing C.P. brass waste for washbasin or sink. (B) 40mm dia.	Each	88.94	105.83
200	Providing and fixing M.I. fisher union for washbasin or sink. (A) 32mm dia.	Each	77.97	92.78
201	Providing and fixing M.I. fisher union for washbasin or sink. (B) 40mm dia.	Each	87.77	104.44
202	Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap.	Each	36.61	43.56
203	Providing and fixing C.P. brass shower rose with 15mm or 20mm inlet.(A) 100mm dia. Each	Each	279.37	332.45
204	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers.	Each	825.48	982.32
205	Providing and fixing C.P. brass towel rail complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws.(B) 600mm x 20mm size.	Each	597.22	710.69
206	Providing and fixing 600mm x 120mm glass shelf with C.P. brass bracket and guard rail complete mixed to wooden plug with C.P. brass screws.	Each	510.30	607.25
207	Providing and fixing toilet paper holder.(A) C.P. Brass	Each	414.53	493.29
208	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (i) 15mm dia.	Each	184.98	220.12
209	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (ii) 20mm dia.	Each	212.68	253.08
210	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	Each	184.98	220.12
211	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (ii) 20mm dia.	Each	212.68	253.08
212	Providing and fixing screw down bib taps of following size.(C) Gun metal screw down bib tap. (i) 15mm dia.	Each	157.29	187.17
213	Providing and fixing screw down bib taps of following size.(C) Gun metal screw down bib tap. (ii) 20mm dia.	Each	179.90	214.08
214	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (i) 15mm dia.	Each	305.67	363.74
215	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (ii) 20mm dia.	Each	351.18	417.9
216	Providing and fixing brass screw down stop tap.(A) 15mm dia.	Each	203.79	242.51
217	Providing and fixing brass screw down stop tap.(B) 20mm dia.	Each	221.59	263.69
218	Providing and fixing brass screw down stop tap.(C) 25mm dia.	Each	218.63	260.16
219	Providing and fixing Gun metal check or non-return fullway wheel valve.(A) 15mm dia.	Each	184.98	220.12
220	Providing and fixing Gun metal check or non-return fullway wheel valve.(B) 20mm dia.	Each	201.80	240.14
221	Providing and fixing Gun metal check or non-return fullway wheel valve.(C) 25mm dia.	Each	416.47	495.59
222	Providing and fixing Gun metal check or non-return	Each	311.61	370.81

	fullwaywheel valve.(D) 32mm dia.			
<b>223</b>	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 40mm dia.	Each	65686	78166.34
<b>224</b>	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(i) 20mm dia.	Each	252.26	300.18
<b>225</b>	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.	Each	261.16	310.78
<b>226</b>	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(iii) 32mm dia.	Each	273.03	324.9
<b>227</b>	Providing and fixing Urinal or approved quality including conecting the Urinal with waste pipe , tap etc. complete.(A) White earthenware flat back or corner type size 430mm x 260mm x 350mm.	Each	1026.01	1220.95
<b>228</b>	Providing and fixing Urinal of approved quality including connection with trap and with integral longitudinal flush pipe.(A) Squating plate pattern white earthenware 550mm x 300mm.	Each	1526.18	1816.15
<b>229</b>	Providing and fixing Rubber plug for sink or wash basin.	Each	16.98	20.2
<b>230</b>	Providing and fixing chromium plated, bottle trap with necessary couplings of approved quality for wash basin.	Each	292.87	348.51
<b>231</b>	Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (i) 25mm dia.	Each	131.57	156.56
<b>232</b>	Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (ii) 50mm dia.	Each	187.96	223.67
<b>233</b>	Providing and fixing ball cock of approved. quality as directed.(B) Abonite (i) 25mm dia.	Each	101.89	121.24
<b>234</b>	Providing and fixing ball cock of approved. quality as directed.(B) Abonite (ii) 50mm dia.	Each	136.52	162.45
<b>235</b>	Providing and fixing C.I. Manhole cover 0.60 M. x 0.45M. size having weight not less than 35Kg.	Each	948.68	1128.92
<b>236</b>	Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length.	Each	100.90	120.07
<b>237</b>	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete.[A] 15 mm.	Rmt	165.21	196.59
<b>238</b>	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [B] 20 mm.	Rmt	202.97	241.53
<b>239</b>	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [C] 25 mm.	Rmt	247.25	294.22
<b>240</b>	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [D] 32mm.	Rmt	330.36	393.12

<b>241</b>	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [E] 40mm.	Rmt	437.66	520.81
<b>242</b>	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [F] 50mm.	Rmt	647.30	770.28
<b>243</b>	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	71.93	85.59
<b>244</b>	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	90.93	108.2
<b>245</b>	Providing laying and jointing in true line and level 32mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	117.97	140.38
<b>246</b>	Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	146.65	174.51
<b>247</b>	Providing laying and jointing in true line and level 50mm dia. U.P.V.C. Pipe ( SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	193.73	230.53
<b>248</b>	Providing, laying and jointing in true line and level 160 diameter U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diameter x 210 mm length x 196 mm height at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	Rmt	822.99	979.35

249	Providing, laying and jointing in true line and level 110 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diametre x 149 mm length x 145 mm height at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	Rmt	826.88	983.98
250	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I sread down or hinged grating including the cost of cutting and making good the walls.	each	552.83	657.86
251	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I sread down or hinged grating including the cost of cutting and making good the walls.	each	541.80	644.74
252	Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Salt glazed stoneware pipes including testing of pipes and joints complete.(A) 100mm dia.	Rmt	241.22	287.05
253	Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Salt glazed stoneware pipes including testing of pipes and joints complete.(B) 150mm dia.	Rmt	302.11	359.51
254	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type.	Each	1279.40	1522.48
255	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps.(B) 150mm x 100mm size P or R type	Each	1234.57	1469.13
256	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(B) 150mm	Rmt	237.83	283.01
257	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(C) 250mm	Rmt	250.35	297.91
258	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(D) 300mm	Rmt	658.89	784.07
259	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(E) 450mm	Rmt	1050.09	1249.6
260	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(F) 500mm	Rmt	1222.55	1454.83
261	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for	Rmt	1367.52	1627.34

	collar joints including testing of joints complete.(G) 600mm			
262	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(H) 900mm	Rmt	2162.68	2573.58
263	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(K) 1000mm	Rmt	2476.48	2947.01
264	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(M) 1200mm	Rmt	3151.45	3750.22
265	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1 cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:3 (1- Cement : 3-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (1) A type depth 0.90 Metre for 150mm diameter sewer.	Each	10920.76	12995.7
266	(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (4) D type depth 3.15 Metre for 150mm diameter sewer.	Each	29952.74	35643.76
267	(I) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. or Part thereof over item No.265 (I) for depth from 0.9M to 1.5M.	Each	517.78	616.15
268	(II) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. GR Part thereof over item No.265 (I) for depth from 1.50M. to 2.25M.	Each	393.26	467.97
269	Providing and fixing cast iron steps of size 500mm x 150mm x 22.5mm and painting with two coats of Anti- corrosive paint etc. complete.	Each	201.74	240.07
270	Supplying and fixing C.I. cover 300mm x 300mm without frame for Gulley trap (Standard pattern) te weight of cover to be not less 4.53 Kg.)	Each	491.80	585.24
271	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg/Cm2 in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm intenal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt.of frame 15Kg. ) (R.C.C. top slabe with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line.	Each	2913.89	3467.52

272	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg/Cm2 in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm intenal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt.of frame 15Kg. ) (R.C.C. top slabe with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(ii) Inside dimensions 500mm x 700 mm and 450mm deep for pipe line with one or two inlets.	Each	3624.51	4313.16
273	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg/ Cm2 in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm intenal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg. ) (R.C.C. top slabe with 1:2:4 mix (1-cement: 2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(iii) Inside dimensions 600mm x 850 mm and 450mm deep for pipe lines with three or more inlets.	Each	7109.35	8460.12
274	Extra over items 271 for every additional depth of 0.1M. of part thereof beyond 450mm depth for Brick masonry chamber.(i) for 455mm x 610mm size.	Each	239.99	285.58
275	Extra over items 272 for every additional depth of 0.1M. of part thereof beyond 450mm depth for Brick masonry chamber.(ii) for 500mm x 700mm size.	Each	262.24	312.06
276	Extra over items 273 for every additional depth of 0.1M. of part thereof beyond 450mm depth for Brick masonry chamber.(iii) for 600mm x 850mm size.	Each	322.37	383.62
277	(A) Providing sock pit of 2.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed.	Each	1330.36	1583.12
278	(B) Providing sock pit of 5.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed.	Each	3327..42	#VALUE!
279	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(A) From Borrow pits within land width	Each	103.17	122.77
280	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(B) From Borrow area within 0.5 Km.lead	cu.m	146.04	173.78
281	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(C) From Borrow area within 1.0 Km.lead	cu.m	148.90	177.19
282	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(D) From Borrow area within 2.0 Km. lead	cu.m	154.35	183.67
283	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(E) From Borrow area within 3.0 Km. lead	cu.m	159.62	189.94



<b>284</b>	Rolling of earthwork in layers with power roller including filling in depressions which occur during the process.	cu.m	13.27	15.79
<b>285</b>	Watering of earth work as directed.	cu.m	8.99	10.69
<b>286</b>	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(A) From Borrow pits within land width	cu.m	151.00	179.69
<b>287</b>	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(B) From Borrow area within 0.5KM. lead	cu.m	154.18	183.47
<b>288</b>	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(C) From Borrow area within 1.0KM. lead	cu.m	157.04	186.87
<b>289</b>	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(D) From Borrow area within 2.0KM. lead	cu.m	162.48	193.35
<b>290</b>	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(E) From Borrow area within 3.0KM. lead	cu.m	167.76	199.63
<b>291</b>	Earthwork incuting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.	cu.m	126.48	150.51
<b>292</b>	Earthwork incuting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(A) Above 200 Meters upto 300 Meters.	cu.m	35.60	42.36
<b>293</b>	Earthwork incuting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(B) Above 300 Meters upto 400 Meters.	cu.m	52.77	62.79
<b>294</b>	Earthwork incuting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(C) Above 400 Meters upto 500 Meters.	cu.m	88.52	105.33
<b>295</b>	Earthwork in cutting in all sorts of soil and soft murrum including conveying and putting the stuff in spoil bank maintaining minimum distance of five meter between top edge and cutting and toe of spoil bank.	cu.m	103.17	122.77
<b>296</b>	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed upto 50Mt.lead.	cu.m	103.17	122.77

297	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(i) Hard murrum.	cu.m	245.70	292.38
298	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(ii) Soft rock not requiring blasting.	cu.m	199.25	237.1
299	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(iii) Hard rock.	cu.m	634.73	755.32
300	Supplying of graded stone aggregate of following sizes (for W.B.M. Road)(1) Hand broken stone aggregate 25mm to 90mm size.	cu.m	246.53	293.37
301	Supplying of graded stone aggregate of following sizes (for W.B.M. Road)(2) Hand broken stone aggregate 40 mm to 63 mm size.	cu.m	289.28	344.24
302	Supplying of graded stone aggregate of following sizes (for W.B.M. Road)(3) Crushed stone aggregate for Hard Quality up to 63 mm size	cu.m	417.53	496.86
303	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and organic matter (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(ii) 40mm	cu.m	454.58	540.95
304	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and organic matter (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(iv) 20mm	cu.m	588.53	700.35
305	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and organic matter (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(vii) 6mm	cu.m	285.00	339.15
306	Supplying of brick aggregate 40mm nominal size.	cu.m	200.00	238
307	Supplying of screened cleaned pea (rounded) gravel of following sizes)(i) 10mm nominal size.	cu.m	210.00	249.9
308	Supplying of screened cleaned pea (rounded) gravel of following sizes)(ii) 12mm nominal size.	cu.m	225.00	267.75
309	Supplying of screened cleaned pea (rounded) gravel of following sizes)(B) Supplying of unscreened gravel	cu.m	160.00	190.4
310	Supplying of premoulded bituminous joint filler.(i) 12mm thick	cu.m	548.31	652.48
311	Spreading the stone aggregate for rolling and W.B.M. including filling the interstices to required camber and gradient (excluding spreading of Blindage)(ii) 40mm to 63mm size aggregates (H.B.)	cu.m	247.28	294.26
312	Spreading the stone aggregate for rolling and W.B.M. including filling the interstices to required camber and gradient (excluding spreading of Blindage)(iii) 25mm to 50mm size crushed stone	cu.m	247.28	294.26
313	Spreading the stone aggregate for rolling and W.B.M. including filling the interstices to required camber and gradient (excluding spreading of Blindage)(iv) Chipping varying from 6mm to 25mm size.	cu.m	247.28	294.26
314	Spreading of blindage or road crust filling the gaps in metal and leveling to camber and gradient as directed.(i) Murrum	cu.m	146.01	173.75
315	Spreading of blindage or road crust filling the gaps in metal and leveling to camber and gradient as directed.(ii) Sand	cu.m	146.01	173.75

316	Rolling and consolidation of soling including filling in depression which occur during the process, with power roler 8 tonne to 12 tonne.	cu.m	22.14	26.34
317	Rolling and consolidating water bound macadam (except laterite andKankar) including watering not exceeding 150mm thickness (Main layer including binding materials ) including filling in depressions which occur during the process.(A) With power roller exceeding 8 tonne and not exceeding 12 tonne.	Sqm	20.79	24.74
318	Preparing surface by Brushing with wire brushes for removing caked mud etc. sweeping with brooms and finally fanning the cleaned surface with gunney bags to remove all loose dirt etc.(i) Water bound macadam surface (New)	Sqm	28.04	33.36
319	Preparing surface by Brushing with wire brushes for removing caked mud etc. sweeping with brooms and finally fanning the cleaned surface with gunney bags to remove all loose dirt etc.(ii) Black top surface.	Sqm	16.86	20.06
320	Providing and supplying evenly priming / tack coat with bitumen @ rate of 10 Kg/ Sq.M. (including heating the bitumen but excluding the cost of bitumen)	Sqm	6.62	7.87
321	Add/Deduct for any item of bituminous work for extra/less use of bitumen (including heating)	Sqm	063	74.97
322	Surface dressing one coat with paving bitumen using 18kg. bitumen per 10.0 Sq.M. with 0.15cu.m. of stone chipping 12mm nominal size per 10.0 Sq.M. of road surface excluding roling and consolidation (stone chipping and bitumen shall be paid seperately)	Sqm	19.70	23.44
323	Surface dressing two coat with bitumen using 18kg. bitumen per 10.0 Sq.M. with 0.15 cu.m. of stone chipping 12mm nominal size per 10.0 Sq.M. for first coat and 11 Kg. of bitumen with 0.10 cu.m. of stone chippings 10mm nominal size per 10 Sq.M. of road surface for second coat excluding consolidation for second coat excluding consolidation bitumen shall be paid seperately)	Kg	20.96	24.94
324	Surface dressing enewal coat with paving bitumen or tar using 11kg. of bitumen of 12Kg. of cut-back or road tar per ten 10.0 Sq.M. with 0.10cu.m. of stone chipping 10mm nominal size per 10.0 Sq.M. of road surface excluding roling and consolidation (Chips and bitumen shall be paid seperately)	Sqm	14.03	16.69
325	Add to or deduct from any item of bituminous work for variation in quantity of stone chippings (Labour only)	Sqm	56.70	67.47
326	2cm. thick open - graded pre-mix carpet surfacing with 0.27 cu.m. stone chippings (12mm size 0.18cu.m. and 10mm size 0.09 cu.m.) mixed with 14.4 kgs. of bitumen per 10 Sq.M. of road surface excluding rolling and consolidetion etc. complete. (Stone chippings and Bitumen shall be paid seperately)(i) With tack coat at rate of 5.0 Kg. /10 Sq.M.	cu.m	1132.43	1347.59
327	2.5cm. thick Consolidated singlecourse pre-mixed carpetsurfacingwith 0.36 cu.m. of stone chippings(20mm size 0.15cu.m. 10mm size0.12 cu.m. and 0.6 mm size of 0.09 cu.m. ) mixed with 19.5 kgs. ofbitumen per 10 Sq.M. of road surface excluding consolidetion etc. complete.(Stone chippings and Bitumen shall bepaid seperately)(i) With tack coat at rate of 5.0 Kg. /10 Sq.M.	cu.m	1050.53	1250.13
328	Liquid seal coat (IRC type -A) with 0.09 cu.m. of stone chippings 6mm size and 6.8Kg. of bitumen per 10.0 Sq.M. of road surface excluding rolling and consolidation. (Chipping and	cu.m	1300.95	1548.13

	bitument shall be paid seperately)			
329	Pre-mixed seal coat (I.R.C. type-B) with 0.06 cu.m. of fine aggregate and 6.8 Kg. of bitumen per 10 Sq.M. of road surface excluding rolling and consolidetion. (Chipping and bitument shall be paid separately)	cu.m	1482.08	1763.67
330	Pre-mixed seal coat with 0.12 cu.m. of stone chippings 10mm size and 7.68 Kg. of bitumen per 10 Sq.M. of road surface excluding rolling and consolidetion. (Stone chipping and bitument shall be paid separately)	cu.m	1280.48	1523.77
331	Laying built-up spray grout base course intwo layers with bitumen at rate of 15 kg./per 10 Sq.M. with 0.50 cu.m. stone aggregate for first layer and 15kg. of bitumen and 0.50 cu.m. of stone aggregate per 10 Sq.M. of roadsurface for second layer and using 0.13cu.m. of Key aggregate per 10 Sq.M. excluding rolling and consolidation complete. (stone aggregate and bitumen shall be paid separately)	cu.m	24.74	29.44
332	Labour charges for laying premixed bituminious macadam / concrete / carpet etc. by hot mix laid process including heating the asphalt and aggregates by continuous hot mix,transporting the mix and spreading the same by paverfinisher and consilidation with powerroller including providing and layinguniformaly tack coat includingproviding and laying uniformalytackcoat including necessary fire wood oillubricants, labour charges and hirecharges of the required plant andmachineries etc. complete.	Sqm	489.54	582.55
333	Consolidation of surface dressing in one coat with power roller including cost of fuel hire charges of roller etc. complete.	MT	6.93	8.24
334	Consolidation of surface dressing in two coats with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	9.92	11.8
335	Consolidation of 2cm. thick open graded premixed asphalt carpet with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	10.25	12.19
336	Consolidation of 2.5cm. thick premixed asphalt carpet with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	10.25	12.19
337	Consolidation of liquid / premixed seal coat with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	6.30	7.49
338	Consolidation of Built up spray grout in required layers with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	11.82	14.06
339	Consolidation of bituminous macadam / concrete etc. with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	15.12	17.99
340	Supplying and fixing road sign board of M.S. plates and angle iron including painting, lettering etc. complete including fixing in C.C. 1:4:8 with necessary excavation etc. complete as per I.R.C. type design.(i) Non - Reflective type	Sqm	1860.38	2213.85
341	Supplying and fixing road sign board of M.S. plates and angle iron including painting, lettering etc. complete including fixing in C.C. 1:4:8 with necessary excavation etc. complete as per I.R.C. type design.(ii) Reflective type	Each	3042.56	3620.64
342	Providing and fixing Junction board of precast R.C.C. as per standard I.R.C. design including fixing in C.C. with 1:4:8 necessary excavation painting figuring and lettering on board etc. complete.	Each	2705.34	3219.35

343	Providing and fixing Junction board of M.S. plates and angles as per standard I.R.C. design including fixing in C.C. 1:4:8 with necessary excavation painting figuring and lettering on board etc. complete.	Each	5184.85	6169.97
344	Labour charges for dry stone pitching 15 cm. Thick including preparing the surface.	Each	214.20	254.89
345	Labour charges for dry stone pitching of 22.5 cm. thick including preparing the surface etc complete.	Sqm	307.13	365.48
346	Labour charges for dry stone pitching of 20.0 cm. thick including preparing the surface etc complete.	Sqm	398.48	474.19
347	Providing panel wall for dry stone pitching in uncoursed rubble masonry with had stone of approved quality in cement. mortar 1.5 including curing etc, complete.	Sqm	2579.32	3069.39
348	Scarifying gravelled macadam or bitumen macadam surface 6 cm to 10 cm.depth including stacking useful materials on road side and disposing off remaining stuff.	cu.m	39.23	46.68
349	Labour charges for filling measure boxes of crushed metal or gravel of size 20 mm to 63 mm including all tools and as directed.	Sqm	101.91	121.27
350	Labour charges for filling measure boxes of Kapachi of 12 m.size Grit, sand, murrum etc. including all tools and as directed.	cu.m	101.91	121.27
351	Labour charges for breaking boulders and Big.size rubble in to oversize metal for soling.	cu.m	341.78	406.71
352	Labour charges for breaking boulders and Big.size rubble in to standard size. (40mm to 63 mm) metal for soling.	cu.m	508.73	605.38
353	Supplying of wooden pegs 4 cm. in Diameter and 25 cm. to 30 cm. long including taper at one end etc. complete.	cu.m	0.99	1.17
354	Demarkation of road alingment including marking out road line by providing and fixing wooden pegs or steel rod of required size at every 25 M to 50 M. including excavating trenches ion both sodes of 0.30 m. x 0.30M. including supplying of labours and all materials for every work etc. complete.	Each	2679.70	3188.84
355	Filling around the pipes with murrum including dressing, tampering etc. complete.	Km	79.86	95.03
356	Providing and fixing 20cm. x 15cm x 2.5 cm. thick year plate of marble stone set in C.M. 1:4 including finishing and engraving letters etc. complete.	cu.m	276.92	329.53
357	Numbering the C.D. work with approved paint including all materials for painting etc. complete.	Km	58.22	69.28
358	Providing and fixing Number plate of Marble plate stone of required size set in C.M. 1:4 including finishing and engeaving letters etc. completes.	Each	303.11	360.7
359	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(i) 300mm dia.	Each	655.33	779.84
360	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(ii) 450mm dia.	Rmt	1016.94	1210.15
361	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(iii) 600mm dia.	Rmt	1322.61	1573.9

<b>362</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(iv) 800mm dia.	Rmt	1839.27	2188.73
<b>363</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(v) 900mm dia.	Rmt	2086.522	2482.96
<b>364</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(vi)1100mm dia.	Rmt	2700.79	3213.94
<b>365</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(vii) 1200mm dia.	Rmt	3050.48	3630.07
<b>366</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(i) 300mm dia.	Rmt	643.49	765.75
<b>367</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(ii) 450mm dia.	Rmt	1164.84	1386.15
<b>368</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(iii) 600mm dia.	Rmt	2062.87	2454.81
<b>369</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(iv) 750mm dia.	Rmt	2560.17	3046.6
<b>370</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(v) 900mm dia.	Rmt	3412.38	4060.73
<b>371</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(vi)1050mm dia.	Rmt	4607.66	5483.11
<b>372</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(vii) 1200mm dia.	Rmt	5476.18	6516.65

373	<p>Cautionary Warning Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 x 90 x 90 cms. equilateral triangle as per design of IRC-67-2012. Pre treated with phospheting process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D 4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	Rmt	5027.00	5982.13
374	<p>Facility Informatory Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 80 x 60 cms rectangular as per design of IRC-67-2012. Pre treated with phospheting process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for eachleg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	Each	5848.00	6959.12
375	<p>Regulatory / Mandatory Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 60 cms Dia Circle as per design of IRC-67-2012. Pre treated with phospheting process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab</p>	Each	4573.00	5441.87

	for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting			
376	<p>STOP Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 cms Octagone as per design of IRC-67- 2012. Pre treated with phospheting process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type- 11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	Each	7142.00	8498.98
377	<p>Parking Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size size 60 x 60cms. square plus 60 x 20cms rectangular additional plate as as per the design of IRC-67-2012. Pre treated with phospheting process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type- 11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer &amp; a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting</p>	Each	5848.00	6959.12



378	Distance Informatory / Destination Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 180x120 cms. rectangular as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D 4956 and latest M.O.S.T.Specifications; 4.0mtr long (2 Nos.) stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for eachleg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	20711.00	24646.09
379	Village Name Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90x60 cms. rectangular as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol or inscription/letters / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	6251.00	7438.69
380	Sign board per Squate Meter :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 1meter x1 meter as per design of IRC-67-2012. Pre treated with phosphetingprocess & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4 mtr long stand post (2 Nos.) of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with bestquality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge.The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting	Each	12189.00	14504.91

	from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting.			
381	Men at work (2' x 2') sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP(Aluminum composite Panel); size 60cm x 60cm square as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3 mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with bestquality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge.The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	4913.00	5846.47
382	Tree Guard sign :-Providing & fixing sign board made out of 2mm aluminium sheet / 3mm ACP (Aluminum composite Panel) , size 30cms diameter circle, pretreated with phospheting process and acid etching, painted with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. specifications. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	Each	526.00	625.94
383	Diversion sing board :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 180 x 60 cms. rectangle as per the attached drawing pre treated with phospheting process & acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968,3.1m long (2nos) stand post and frame fabricated from iron angle of 35x35x3mm, 50x50x5mm painted with best quality epoxy coatings in blak and white bends. The fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	Each	6731.60	8010.6
384	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials(A) By manual means in area of light jungle	Hectar e	79449.30	94544.66

<b>385</b>	Clearing and grubbing road land including uprooting rank vegetation grass bushes, shrubs, sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials (C) By mechanical means in area of light jungle	Hectare	105932.93	126060.2
<b>386</b>	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (incl. watering)(A) Earth work (layer not exceeding 200mm thickness)	cu.m	32.76	38.98
<b>387</b>	Rolling and consolidation using vibratory road roller 8-10 tonne capacity (B) Granular sub base (Layer not exceeding 150mm thickness)	cu.m	31.20	37.12
<b>388</b>	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (C) Water bound Macadam (Layer not exceeding 100mm thickness)	cu.m	58.50	69.61
<b>389</b>	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (D) Bituminous Macadam (Layer not exceeding 50mm thickness)	cu.m	20.30	24.15
<b>390</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slopes of I.S. 458 / 1971 Class NP3 of following internal diameter. 1400 mm dia.	Rmt	7210.46	8580.44
<b>391</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slopes of I.S. 458 / 1971 Class NP3 of following internal diameter. 1600 mm dia.	Rmt	9220.48	10972.37
<b>392</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slopes of I.S. 458 / 1971 Class NP3 of following internal diameter. 1800 mm dia.	Rmt	10629.46	12649.05
<b>393</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slopes of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (i) 300 mm dia.	Rmt	1059.23	1260.48
<b>394</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slopes of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (ii) 450 mm dia.	Rmt	1422.41	1692.66
<b>395</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slopes of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (iii) 500 mm dia.	Rmt	1668.74	1985.8
<b>396</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slopes of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (iv) 600 mm dia.	Rmt	2062.87	2454.81
<b>397</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slopes of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (v) 900 mm dia.	Rmt	3214.05	3824.71
<b>398</b>	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slopes of I.S. 458 / 1971	Rmt	4692.99	5584.65

	Class NP3 casted by vertically vibrated technology of following internal diameter. (vi) 1000 mm dia.			
399	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (vii) 1200 mm dia.	Rmt	5436.90	6469.91
400	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (viii) 1400 mm dia.	Rmt	7210.46	8580.44
401	Supplying and fixing reinforced concrete heavy duty non- pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 300mm dia.	Rmt	1017.85	1211.24
402	Refitting of Existing Rough nimbhada paving work on Excavated Pipeline, Gas line, Water Supply Line, Telephone Line, Drainage Line Etc. Including of Lifting the theexisting stone paving work & make a proper slope and camber for base supplying and stacking local sand for bedding of 35 mm thick and filling the joint with cement pointing in C.M. 1:4. all meterials ( . Note : Rough Kota stone supplied by Nagar Palika )	Sqm	256.37	305.08
403	Refitting of Existing Paver Block paving work on Excavated Pipeline, Gas line, Water Supply Line, Telephone Line, Drainage Line Etc. Including of Lifting the theexisting stone paving work & make a proper slope and camber for base supplying and stacking local sand for bedding of 35 mm thick and filling the joint with cement pointing in C.M. 1:4. all meterials( Note : Paver Block supplied by Nagar Palika )	Sqm	306.37	364.58
404	Carting of rough nimbhada stone including loading and unloading as per directed incharge engineer with all lead and lift	Sqm	60.00	71.4
405	Providing and laying Precast Regular concrete solid core wall of approved make & size of 40 mm thick, 600 mm wide and 1800 mm in legth with 150 mm X 150 mm X 2400 mm post both side made from of controlled cement concrete M35 having cube compressive strength not less than 35 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required)	Sqm	780.00	928.2
406	Providing & Spreding floor hardner chemical of standard company on the road surface as per directed engineers in charge. (market rate)	Sqm	83.30	99.12
407	Compaction and finishing of cement concrete road by trimix process providing extra labor charges for the trimix vacuum dewatering service process on cement concrete road surface by using vacuum dewatering pump floater surface vibrator including making groves and rough finish to surface as per in including levelling the complete.	Sqm	90.00	107.1
408	Raising Brick Masnoary chamber (In side dimension 600 mm x 850 mm) as per requirment including removal and re fitting of chamber frame & cover at proposed road level including all material and labour charges as per instruction given by in charge enginneer.	no	4200.00	4998
409	Providing erecting and fixing double coated ISI water tank of required capacity each with all necessary fittings and connection etc. complete on terrace	litre	3.91	4.65

410	Supplying and fixing cat eye (Stimsonite) made out from Acrilobeautilesterineinjection high compressed molding with reflector made of MMC (prismatic type of size 12cm x 6cm x 2.5cm) provided with bituminous adhesive 100g. with each unit for fixing. (High Intensity grade)	no	372.00	442.68
411	Road marking with hot applied thermoplastic paints with reflectorising glass beads on bitumin surface providing and laying a hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250gms per sqm area, thickness of 2.5mm is excluding of surface applied glass beds as per IRC:35-2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/center line/ edge line/cut patta. The white color marking should provide luminance coefficinet on cemend road shall be min 130 mcd/m2/lux and Asphalt road shall be min 100 mcd/m2/lux during the service life during the day time. The marking should meet the performance criteria for night time reflectivity, wet reflectivity and skid resistance as mentioned in the section-15 of IRC 35- 2015. Warranty for the Retro reflectivity should be two years.	smt	364.08	433.25
412	Providing and fixing plastic , rubber heavy duty speed breaker 500 mm length, 400 mm width & 75 mm height,40/50 ton bearing capacity & of standard make including cost of transportation. All kind of lift & fixing etc. completed as directed in charge engineer.	Rmt	2750.00	3272.5

I/We am/ are willing to carry out to work @ \_\_\_\_\_ % Above /Below \_\_\_\_\_ Percentage (Should be written in Figures and Words) of the Estimated rates mentioned above amount of my/ our Tender work out as under.

Estimated Amount	Estimated Amount
Put On Tender <b>Rs. 956440.00</b>	Put On Tender <b>Rs. 956440.00</b>
Add                      % Rs	Deduct                      % Rs.
Total Rs.	Total Rs.
(In Words	(In Words

Stamp With Signature of Contractor		Chief Officer Mahemdabad Nagar Palika Mahemdabad	President Mahemdabad Nagar Palika Mahemdabad
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