

JAIPUR DEVELOPMENT AUTHORITY

Room No. CCC-TF-304, Ram Kishore Vyas Bhavan, Indira Circle,
Jawahar Lal Nehru Marg, Jaipur – 302004
Telephone: +91-141-2569696 ; Email: mathuryogesh99@yahoo.co.in

No:- JDA/EE/Housing-II/2019-20/D-381

Dated:- 20.03.2020

NOTICE INVITING BID NIB No. : EE (Hosing-II)/02/2019-20

Online Bids are invited upto date 07.04.2020 at 6.00 PM for “**Repair and maintenance Development of Bagrana Katchi Basti Under Rajeev Awas Yonjana, Agra Road, Jaipur Package I B (816 DU's). (ARC)**” Estimated cost **Rs. 48.00 lac** Details may be seen in the Bidding Document at our office or the website of State Public Procurement Portal: www.sppp.rajasthan.gov.in, www.eproc.rajasthan.gov.in and www.jda.urban.rajasthan.gov.in (UBN No.)

To participate in the bid, bidder has to be:

1. Registered on JDA website www.jda.urban.rajasthan.gov.in.
For participating in the Bid, the Bidder has to apply for the Bid and pay the Bidding Document Fee & RISL Processing Fee online only and Bid Security Deposit (BSD), online or through bank guarantee.
2. Registered on e-Procurement Portal of Government of Rajasthan www.eproc.rajasthan.gov.in for online e-Bid submission.
3. Registered in “AA” class contractor category in JDA or any Central Government Department / State Government Department / Local Body/ Railways of Corporations.

(Yogesh Swaroop Mathur)
Executive Engineer (Housing-II)
JDA, Jaipur

जयपुर विकास प्राधिकरण, जयपुर

(कमरा न0 CCC-TF 304, नागरिक सेवा केन्द्र भवन)
इन्दिरा सर्किल, जेएलएन मार्ग, जयपुर-302004

क्रमांक : जविप्रा/अधि.अभि.-हाउसिंग-II/2019-20/डी-381

दिनांक : 20.03.2020

पूर्ण कालीन निविदा सूचना

क्रमांक : जविप्रा/अधि.अभि.-हाउसिंग-II/02/2019-20

जयपुर विकास प्राधिकरण द्वारा बगराना कच्ची बस्ती की मरम्मत और रख-रखाव और विकास राजीव आवास योजना, आगरा रोड, जयपुर पैकेज I B (816 DU's) (वार्षिक दर संविदा) जिसकी अनुमानित लागत रुपये 48.00 लाख के लिये ऑनलाईन बिड्स दिनांक 07.04.2020 को सांय 6.00 बजे तक आमन्त्रित की जाती है। निविदा बोली का ऑनलाईन आवेदन व भुगतान जविप्रा पोर्टल पर करने की अन्तिम तिथि 07.04.2020 को सांय 6.00 बजे तक है। निविदा बोली के दस्तावेजों का विस्तृत विवरण www.sppp.rajasthan.gov.in , www.eproc.rajasthan.gov.in and www.jda.urban.rajasthan.gov.in पर देखा जा सकता है। निविदा में भाग लेने वालों को निम्न शर्तों की पूर्ति करनी होगी।

(UBN No. -.....)

1. निविदा दाता जयपुर विकास प्राधिकरण की वेबसाईट www.jda.urban.rajasthan.gov.in पर पंजीकृत हो एवं निविदा में भाग लेने के लिए बोलीदाता को आवेदन करने के लिए दस्तावेज शुल्क, अमानत राशि, आर.आई.एस.एल. प्रोसेसिंग शुल्क ऑनलाइन जमा करनी होगी।
2. ऑनलाईन निविदा प्रस्तुत करने के लिए निविदा दाताओं का राजस्थान सरकार के ई-प्राक्कृत पोर्टल www.eproc.rajasthan.gov.in पर पंजीकृत हो।

अधिशायी अभियंता-हाउसिंग-II
जविप्रा, जयपुर।

OFFICE OF THE JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

SCHEDULE AND SPECIFICATIONS

1	Name of work	:	Repair and maintenance Development of Bagrana Katchi Basti Under Rajeev Awas Yonjana, Agra Road, Jaipur Package I B (816 DU's). (ARC)
2	NIB No.	:	EE-Housing-II/02/2019-20
3	Approximate cost	:	Rs. 48.00 Lakh
4	Cost of the tender documents	:	Rs. 500.00 The Bidders are required to submitted Bid security, cost of Bid documents, Bid processing fees through online payment after registering with JDA on www.jaipurjda.org/e-services/e-tender portal. There should be a gap of 3 working days between End date for Bid Applying, Online Payment & Bid Submission and Bid Opening date. In the absence of such fess the bid of respective bidder will be considered as non-responsive and shall be rejected.
5	Bid Processing fees	:	Rs. 1000/-
6	Earnest Money (in favour of Secretary, JDA, Jaipur)	:	Rs. @ 2% Rs. 96,000/- (For A & AA class contractor registered in other department and @ ½ % Rs. 24,000/- (For contractor registered in JDA) through online payment after registering with JDA on www.jaipurjda.org/e-services/e-tender portal. There should be a gap of 3 working days between End date for Bid Applying, Online Payment & Bid Submission and Bid Opening date. Bid Security (Earnest money) may be submitted online or by way of bank guarantee. In case bidder opts to submit bid security through bank guarantee, the bank guarantee should valid up to 09 Months from the date of opening of the bid in prescribed format.
7	Start/ End Date for Bid Applying, Online Payment and Bid Submission		➤ Start Date: 24.03.2020 from 9.30 AM onwards ➤ End Date: 07.04.2020 at 6.00 PM
8	Physical BG(Bid Security) Submission Start & Closing Date		➤ In case EMD in from BG Original Bank Guarantee is to be submitted in Room No 215-N Extension Building, Jaipur Development Authority, JLN Marg, Jaipur by 08.04.2020 from 9.30 AM to 13.04.2020 up to 3.30 PM
9	**Date/ Time/ Place of Technical Bid Opening		N/A
10	Date/ Time/ Place of Financial Bid Opening		➤ 15.04.2020 at 1.00 PM ➤ Room No. CCC-TF-304 IIIrd floor, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur- 302004 (Rajasthan)
11	Bid Validity		➤ 120 days from the bid submission deadline
12	Time Period		➤ 12 Months
13	A&F/Job No.		➤ NR-183/2015-16

SCHEDULE – A: INFORMATION USEFUL FOR THE CONTRACTORS:

The Tenderer should see the site and fully understand the conditions of the site before tendering and include all leads, lift etc for the material in his item rate/percentage to be quoted on the rates give in the Schedule ‘G’. The work shall be carried out in accordance with the Rajasthan PWD detailed specification and to the entire satisfaction of the Engineer – In – Charge of the work.

SCHEDULE – B: LIST OF THE DRAWING TO BE SUPPLIED BY THE DEPARTMENT

The drawing may be seen in office of the undersigned.

SCHEDULE – C: LIST OF THE DRAWING TO BE SUPPLIED BY THE CONTRACTOR: List of the drawing to be supplied by the contractor NIL. But the contractor shall have to arrange at his own cost drawings required for the work after deposition necessary cost with JDA.

SCHEDULE - D: TEST OF THE MATERIALS:

The test of the materials and workmanship shall be conducted by the JDA staff as necessary. The result of such tests should confirm to the standard laid down in the Indian standard & or the standards laid down in the detailed specification of the Public by the contractor qualified personnel as required under the contractor enlistment rules duly approved by the Deptt. Shall have to be engaged at site by the Contractor. The deptt. reserves the right to engage such staff and recover the expenses from the contractor on such account in case of his failure to do so.

SCHEDULE – E: SAMPLES OF THE MATERIALS:

The sample of the materials to be used by the contractor shall be deposited 15 days in advance with the Engineer in charge and be got approval by him before use.

SCHEDULE - F: TIME OF COMPLETION:

The work should start within _____ 10 _____ days of issue of work order and complete within times limits.

SCHEDULE – G: ATTACHED SEPARATELY BASED ON BSR PWD, JAIPUR.

SCHEDULE – H: SPECIAL CONDITION: Attached Separately.

SCHEDULE – I: LIST OF MATERIAL TO BE SUPPLIED BY THE DEPARTMENT: NIL

Annexure-3 : Special Provision of the work plan- Qualification criteria and methodology of roads category - I&II.

SCHEDULE – J: COST OF TENDER DOCUMENTS, PROCESSING FEES & EARNEST MONEY. Bid Processing fees is payable in favour of M.D. RISL & Cost bid document & EMD is payable in Favour of Secretary, JDA Jaipur. Bidders have to pay bid processing fees, cost of bid documents and EMD through Online. If a bidder opt bid security to be deposited through bank guarantee, the bank guarantee should be valid for next seven months after the bid opening date. A copy of the such bank guarantee will be required to be attached with the bid submission document uploaded on E-procurement portal of GOR. The bank guarantee will be physically handed over upto prescribed time to Nodal officer of on-line tendering system of JDA i.e. D.D.(E&B) in room No. 215N Extension building, JDA, JLN marg, Jaipur, as per specified in bid documents, annexure-2. Bank guarantee will be in specified Performa enclosed with this bid document.

Signature of the Contractor

With full Address

EXECUTIVE ENGINEER- (Housing-II)

JDA, Jaipur.

Process for Participation & Depositing Payment Online

JAIPUR DEVELOPMENT AUTHORITY, has decided to receive Bidding document fee, RISL Processing Fee and Bid Security Deposit (BSD) through online mode only for which the bidder has to get registered himself on JDA portal www.jaipurjda.org.

To participate in the bid, bidder has to be:

1. Registered on JDA website www.jaipurjda.org (by depositing Rs. 500.00 online, the validity of which remains 3 (three) years).

For participating in the Bid, the Bidder has to apply for this Bid and pay the Bid Document Fee, RISL Processing Fee and Bid Security Deposit, online only. Bid Security deposit may be deposited online or through bank guarantee method in prescribed format.

2. Registered on e-Procurement Portal of Government of Rajasthan www.eproc.rajasthan.gov.in for online e-Bid submission.

Methods for depositing on line amount

- Online through Internet Banking, Debit Card or Credit Card.
- In case the amount exceeds the online payment limit, the payment may be made through RTGS / NEFT / Transfer in Bank Account Number **675401700518** IFSC Code **ICIC0006754** of ICICI BANK Limited, JDA Campus Jaipur.

In case of RTGS / NEFT / Transfer the bidder is required to deposit the requisite amount in the dedicated bank account number as mentioned above and has to get the UTR / Reference number from the bank. This number requires to be updated while applying the bid on JDA portal.

While participation in the bid, a receipt will be generated through the system showing the submission details as per **Annexure-4**. The bidder is required to fill the instrument numbers for various heads on e-Procurement portal www.eproc.rajasthan.gov.in as mentioned in the receipt.

More details about Registration Process, Terms and Conditions and FAQ along with contact detail is available on JDA website www.jaipurjda.org under [eServices](#)>>JDA Tender

Annexure: 4
Template of Online Receipt as part of NIB Document

Bidder has to submitted as proof of deposited amount against the Bid on eProcurement Protal

Jaipur Development Authority, Jaipur.	
Bid Participation Receipt	
	Date & Time:-
Bid Detail	
Bid ID:	Procurement Entity:-
Bid Title:	
Bid Value:	Bid Opening Place:
Bidder Detail	
Name of Entity:	Mobile No.:
Registration Type:	Instrument Amount:
Payment Mode:	Payment Channel:
Instrument No.:	Instrument Date:

Dates Detail		
Sr. No.	Event Name	Event Date
1	Publishing Date	
2	Bid Opening Date	

Specific Instrument for eProc Rajasthan			
Instrument Type			
Instrument Number	Head Name	Amount	Date
	Tender Fee		
	RISL Processing Fee		
	Bid Security Deposit		
Issuer Detail: Jaipur Development Authority		Challan Number:	

Specified Bank Guarantee Performa

Section - 6

Form of (Bank Guarantee) -En cashable at branch of the bank in Jaipur City.

To
Secretary,
Jaipur Development Authority,
Jaipur

Sub: Bank Guarantee No. _____ dated _____ for [amount of Security in figures] [in words] on behalf of _____ [Name of the Bidder] against the Security Deposit for the work of **Repair and maintenance Development of Bagrana Katchi Basti Under Rajeev Awas Yonjana, Agra Road, Jaipur Package I B (816 DU's). (ARC)** WHEREAS, _____ [name of Bidder with address] (hereinafter called “the Bidder”) has submitted his Bid dated for the work of **Repair and maintenance Development of Bagrana Katchi Basti Under Rajeev Awas Yonjana, Agra Road, Jaipur Package I B (816 DU's). (ARC)** (hereinafter called “the Bid”).

KNOW ALL PEOPLE by these presents that we _____ (Name of Bank) of having our registered office at _____ [name of country] having our registered office at _____ (hereinafter called “the Bank”) are bound unto Secretary, Jaipur Development Authority. (Hereinafter called “the Employer”) in the sum of Rupees _____ **[Amount of Security in figures]** _____ (in words) only for which payment will and truly to be made to the said Employer, the Bank binds itself, its successors, and assigns by these presents.

That on demand of JDA , this Bank Guarantee is encashable at following branch in Jaipur City.

1. Name of Bank:
2. Name of the branch with branch code:
3. Address:
4. E-Mail Id:
5. Telephone No.
6. Fax No.:

SEALED with the Common Seal of the said Bank this _____ day of _____ of 20____.

THE CONDITIONS of this obligation are:

- (1) if the Bidder withdraws his Bid during the period of Bid validity specified in the Form of Bid;
- (2) if the Bidder refuses to accept the correction of errors in his bid;
- (3) If the Bidder, having been notified of the acceptance of his Bid by the Employer during the period of Bid validity;
 - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to Bidders, or
 - (b) fails or refuses to furnish the Performance Security, in accordance with the Instructions to Bidders;

We undertake to pay to the Employer up to the above amount upon receipt of his first written demand, without the Employer having to substantiate his demand, provided that in his demand the Employer will note that the amount claimed by him is due to him owing to the occurrence of one or more of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date 30 days after the date of expiration of the Bid Validity, as stated in the Instructions to Bidders, or any such extension thereto as may be agreed by the Bidder, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

The amount covered under the above Bank Guarantee shall be automatically be credited in the accounts of JDA in ICICI Bank, JDA Campus, Jaipur through **ISFC code No ICIC006754. Bank Account No. 675401700518** on the date of expiry or its validity, unless the agencies get it re-validated well before its expiry date or produce NOC from JDA in written for its release.

Date _____ Signature of the Bank _____

Witness _____ Seal _____

[Signature, Name and Address]

[Note: To be furnished on appropriate non-judicial stamps.]

SPECIAL CONDITIONS

SCHEDULE 'H'

01. Use of Bitumen mixture Tar mechanical lime grinder, cement concrete mixer & vibrator is essential for the work. This shall have to be arranged by the bidder at his own level /cost.
02. If there is any typographical error or otherwise in the 'G' Schedule the rate given in the relevant BSR on which Schedule 'G' has been prepared, shall prevail.
03. The bidder shall follow the bidder labour regulation and abolition Act 1970 & Rule 1971.
04. The JDA shall have right to cause an audit technical examination of the work and the final bills of the bidder including all supporting vouchers, abstract etc. to be made within two years after payment of the final bills and if as a result such audit any amount is found to have been over paid / excess in respect of any work done by the bidder under the contract or any work claimed by him to have been done under this contract and found not to have been executed the bidder shall be liable to refund such amount and it shall be lawful for the JDA to recover such sum from him in the manner prescribed in special condition no. 8 or any other manner legally permissible and if it is found that the bidder was paid less than that was due to him under the contract in respect of work executed by him under it, the amount of such under payment shall be paid by the JDA to the bidder.
5. The bidder shall not work after the sunset and before sunrise without specific permission of the authority Engineer.
6. Wherever any claim against the bidder for the payment of a sum of money arises out of under the contracts, the JDA shall be entitled to recover the sum by appropriating in part or whole of the security deposit of the bidder, In the event of the security being insufficient or if no security has been taken from the bidder then the balance of the total sum recoverable as the case may shall be deducted from any sum then due or which at any time there contract with the JDA should this sum be sufficient to recover the full amount recoverable. The bidder shall pay to JDA on demand the balance remaining due. The JDA shall further have the right to affect such recoveries under P.D.R. Act.
7. The rate quoted by the bidder shall remain valid for a period of 4 (Four) months from the date of opening of the bids.
8. By submission of this Bid the bidder agree to abide with all printed conditions provided in the PWD manual from 64 (Chapter 3-para 36) and subsequent modification.
9. No conditions are to be added by the bidder and conditional Bid is liable to be rejected.
10. All transaction in this execution of this work and this bid will be liable to Sale-Tax vide section. 2(B) read with sub-clause (4) Sale-tax Rule, 1954.
11. If any bidder withdraws his Bid prior to expiry of said validity period given at S.No. 8 or mutually extended prior or makes modifications in the rate, terms and conditions of the Bid within the said period which are not acceptable to the department or fails to commence the work in the specified period, fails to execute the agreement the department shall without prejudice to any, other right or remedy, be at liberty to forfeit the amount of earnest money given in any form absolutely. If any bidder, who having submitted a Bid does not execute the agreement or start the work or does not complete the work and the work has to be put to rebidding he will stand debarred for six months from participating of Bidding in JDA in addition to forfeiture of Earnest Money / Security Deposit and other action under agreement
12. The bidder shall arrange his own machinery required for the work such as Bitumen Mixer, Hot Mix plants and paver, road roller, Tar boiler, sprayer etc.
13. The bidder shall arrange his own Storage tanks up to 10 tones capacity for strong bulk bitumen. Wherever supplied by the department.

14. Rules regarding enlistment of bidder provide that work up to the times limit for which they are qualified for Biding can be allotted to them, therefore, before bidders the bidder will keep this in mind, and submit the details of the work. Bid with incomplete or incorrect information are liable to be rejected.
15. Any material not conforming to the specifications collected at site have to be removed by the bidder within a period of 3 days of the instruction, issued by do Engineer -In charge in writing failing which, such material shall be removed by the Engineer-In charge at risk and cost of the bidder after expiry of 3 days period's
16. The material collected at site and paid provisionally shall remain under and ward of the bidder till it is consumed, fully on the work.
17. The rates provided in Bid documents are inclusive of all Taxes and royalty
18. For paver work at lest 3 road rollers shall be simultaneously deployed.
19. Bitumen for tack coat or any other purposes shall be applied only by a bitumen sprayer of a mechanical pressure.
20. No extra lead of earth/material shall be paid over and above as specified in 'G' Schedule Source/borrow pit area for earth shall have to be arranged by the Bidder at his own cost.
21. Undersigned has full right to reject any or all Bids without given any reasons.
22. Mortar of Masonry work and lean concrete will be permitted mixer with hopper.
23. As per Supreme Court decision "All contracts with Governments shall require registration of workers under the building and other construction workers (Regulation of Employment and Conditions of Service) Act, 1996 and extension of benefits to such workers under the etc."
24. Special Conditions of Contract regarding Defect Liability Period (DLP) for Roads works costing Rs. 25.00 lacs and more shall be applicable.
25. The Bidder are required to submit copy of their enlistment as bidder.
26. Conditions of RPWA-100 will be mandatory & acceptable to the bidder.
27. Any Bid received with unattested cutting/overwriting in rates shall be rejected and such bidder will be debarred from Biding for three months in JDA.
28. The bidder will have to install display boards at site of work as directed by Engineer in charge. Failing which penalty of Rs. 5000.00 per day will be imposed.
29. All the provision of THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT, 2012 and Rules, 2013 will be applicable. If there is any contradictions in existing special conditions and provisions of THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT, 2012 and rules 2013 provisions of THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT, 2012 and Rules 2013 shall be applicable.

Signature of Contractor
with full address & Mobile No.

Executive Engineer –Housing-II
JDA, Jaipur.

Table-1

S.No.	Type of work	DLP Period
1.	Bridge Work	5 Years
2.	CD Work	5 Years
3.	CC Road. PQC Work	5 Years
4.	CC tiles/Kerbs/medians	5 Years
5.	Drains	3 Years
6.	Roads	
	(i) Two layer WBM/GSB	6 months or one full rainy season which ever is later
	(ii) For Renewal/Strengthening	
	(a) BT upto 30 mm thickness	1 Years
	(b) BT above 30 mm to upto 40 mm	2 Years
	(c) BT above 40 mm to upto 90 mm	3 Years
	(d) BT above 90 mm thickness	5 Years
	(iii) New Roads	
	(a) BT upto 90 mm	3 Years
	(b) BT more than 90 mm	5 Years
7.	Compound wall	3 Years
8.	Building Work	
	(i) Work pertaining to Sanitary work electrical works, Joinery works and painting works.	2 Years
	(ii) Work pertaining to Building structure and other civil works	5 Years
9.	Electric work except maintenance	3 years
10.	Sewer/Water supply all including STP and water supply related work except maintenance works.	3 Years

1. ROAD WORKS

- 1.1 The Defect Liability Period (DLP) for all Road works excluding patch repair work shall be as per above table. Road works executed by the Contracting agency shall be maintained by them at their own cost for complete (DLP) from the actual date of completion of work as per the clause in the Contract Agreement and Special Condition of Contract.
- 1.2 No extra payment shall be made to the contracting agency on account of maintenance of Road works and removal of defect during Defect Liability Period.
- 1.3 The word "Road Works" means all new Road Works construction, widening, strengthening, up-gradation and renewal works
- 1.4 The word "Maintenance of Road Works during Defect Liability Period" means
 - (i) Routine maintenance of Road Works,
 - (ii) To remove the defect as & when appear in part and entire structure of Road Works, in specified time and keeping the Road Surface with good riding quality and
 - (iii) Damages due to improper drainage / drains, local flooding, depressions on roads etc.
- 1.5 The contracting agency shall do the routine maintenance of Road works, including pavement, road side and cross drains including surface drains to the required standards and keep the entire road surface and structure in Defect free conditions during the entire period of routine maintenance, which begins at completion of the construction work and ends after complete (DLP).
- 1.6 The routine maintenance shall consist of the routine maintenance operation defined in manual for maintenance of roads of MoRTH and shall be carried out accordingly.
- 1.7 1.7 The routine maintenance activities and their periodicity

S.No.	Name of Item/Activity	Frequency of operations in one year
1	Restoration of rain cuts and dressing of berms.	Once in a year, generally after rains.
2	Making up of shoulders.	As and when required.
3	Maintenance of Bituminous surface road and/or gravel road/WBM road including filling pot holes and patch repairs etc.	As and when required.
4	Insurance of proper functioning of drains including civil maintenance and desilting of drains. (If constructed by the same Road agency or not)	As and when required.

5	Maintenance of road signs. (If installed by the same Road agency)	Maintenance as and when required. Repainting once in every one and half years.
6	Road Marking, Kerb Stone / Dand. (If done by the same Road agency)	Thermoplastic Paint Maintenance as and when required. Repainting once in every one & a half years. Ordinary Paint Maintenance as and when required. Repainting thrice in every years.
7	Damages beyond control of agency.	Road cuts made by various agencies for utility, duly permitted by JDA / JNN will have to be repaired by agency on the same rates of the contract agreement till DLP.

2. General

2.1 Inspection of works during Defect Liability Period

2.1.1 The contracting agency shall undertake joint detailed inspection along with Engineer-in-charge/A.En., at least once in three months in case of all Road works. The Engineer-in-charge can reduce this frequency in case of emergency. The Contracting agency shall forward to the Engineer-in-charge the record of inspection and rectification immediately after the joint inspection. The Contracting agency shall pay particular attention on those road sections, which are likely to be damaged during rainy season.

2.1.2 One register has to be maintained by every A.E.n for recording the inspection details of works in his jurisdiction under defect liability period.

2.2 Conditions regarding Security Deposit

2.2.1 Security for DLP-

The contracting agency shall have to furnish security deposit (SD) in the form of Bank Guarantee valid from the actual date of completion, which shall be assigned by the Engineer-in-charge.

2.2.2 The release of SD amount shall be as per following table :-

S.No.	Released SD \ DLP Period	1 Year	2 Years	3 Years	5 Years
1.	After 1 year	100%	40%	20%	10%
2.	After 2 year		60%	20%	10%
3.	After 3 year			60%	10%
4.	After 4 year				20%
5.	After 5 year				50%

The Security Deposit will be release as per above table after satisfactory performance certificate issued by Engineer-In-Charge:-

2.2.3 Forfeiture of SD

In case contracting agency fails to rectify the defects within stipulated period notified to him by the Engineer-in-charge concerned under contract agreement, the Engineer-in-charge shall serve a final notice for 5 days time reckoned from the date of issue of notice to rectify the defects. In case the contracting agency not responding to the notice and fails in rectification of defects the Engineer-in-charge will get the defect removed at the risk and cost of the contracting agency. Action such as encashment of Bank Guarantee and action under enlistment rules etc. shall also be taken against the contracting agency by the competent authority.

2.2.4 Force Majeure

The defect arises due to earthquake, cyclone, and natural calamities shall not be the responsibly of contracting agency.

2.2.5 Various condition for managing DLP are as under :-

- At the time of completion of work, final componnt shall be worked out for each individual item like BT/CC/tiles/drains etc (as per different categories in Table-I), DLP shall be operative based upon type of individual item ex:- CC-5 years, BT-1/2/3/5 years, Drain-3 years etc.
- If any work, amount is less than Rs. 25 lacs but later on due to extra/excess work, if amount of final work cresses more than Rs. 25 lacs, DLP shall be operative as per rule for each individual items.
- Similarly if any work is more than Rs. 25 lacs but after finalization amount or work is less than Rs. 25 lacs, DLP should be operative for six months or rainy season whichever is late.
- During DLP period if contractor fails to repair any work even after issue of 7 days written notice, same work shall be got executed by respective Executive Engineer at the contractor's risk and cost. This process shall be applicable throughout the DLP period. After completion of DLP period in such works contractor should be debarred and blacklisted. From JDA for three years as per RTPP rule 2012 and 2013 where he defaults twice in a single agreement or in two different works.
- Quarterly Inspection as per rules shall be carried out and DLP registers shall be maintained by respective Executive Engineers to monitor the DLP repairs.

(vi) Special and regular inspection shall also be carried out as per order no. JDA/Ex.En. & TA to DE-I/2014-15/D-223 dated 12.03.2015 and order no. SE (PMGSY) CIRULAR 2006/D-115 dated 04.05.2006 Point no. 3.

(vii) In case JDA feels to take up work on any existing DLP road due to any reason, following procedure should be adopted:

- (a) At the time of withdrawal total liability of repairs as per DLP conditions to be carried out and contractor shall be asked to complete the same. After completion of assessed repairs DLP period shall be released after deduction amt. as per following table.

<div>% Recovery on withdrawal of DLP of work order</div> <div>DLP period</div>	1 Year	2 Year	3 Year	4 Year	5 Year
1 Year	1.12	-	-	-	-
2 Year	2.55	1.43	-	-	-
3 Year	4.38	3.26	1.83	-	-
5 Year	9	7.88	6.45	4.62	2.47

Note :- Calculation is to be done on quarterly basis.

- (b) In case Contractor fails to carry out these repairs, same shall be carried out at his risk and cost. If the total amt. of such repairs works out to be more than total retained amt. of SD same shall be recovered from other works and as per PDR rules. The amount as per Table III is also to be deducted in addition to this amount.

(viii) Based upon type of work, DLP conditions for works to be carried out during DLP period with their frequency of respective type of work shall be prepared by respective SE's after approval of these periods.

Signature of contractor with
Full address.

Executive Engineer –Housing-II
JDA, Jaipur.

Annexure A: Compliance with the Code of Integrity and No Conflict of Interest

Any person participating in a procurement process shall-

- (a) Not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;
- (b) Not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- (c) Not indulge in any collusion, Bid rigging or anticompetitive behavior to impair the transparency, fairness and progress of the procurement process;
- (d) Not misuse any information shared between the procuring entity and the bidders with an intent to gain unfair advantage in the procurement process;
- (e) Not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
- (f) Not obstruct any investigation or audit of a procurement process;
- (g) Disclose conflict of interest, if any; and
- (h) Disclose any previous transgressions with any entity in India or any other country during the last three years or any debarment by any other procuring entity.

Conflict of interest.-

The Bidder participating in a bidding process must not have a Conflict of Interest.

A Conflict of interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

(i) A bidder may be considered to be in conflict of interest with one or more parties in the bidding process if, including but not limited to:

- (a) Have controlling partners/shareholders in common; or
- (b) Receive or have received any direct or indirect subsidy from any of them; or
- (c) Have the same legal representative for purposes of the bid; or
- (d) have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder, or influence the decisions of the procuring Entity regarding the bidding process; or
- (e) The bidder participates in more than one bid in a bidding process. Participation by a bidder in more than one bid will result in the disqualification of all bids in which the bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a bidder, in more than one bid; or
- (f) the bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods, works or services that are the subject of the Bid; or
- (g) Bidder or any of its affiliates has been hired (or proposed to be hired) by the procuring entity as engineer-in-charge/consultant for the contract.

Annexure B: Declaration by the Bidder regarding Qualifications

Declaration by the Bidder

In relation to my/our Bid submitted tofor procurement ofin response to their Notice inviting Bids No.....Dated.....I/wehereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act, 2012 that :

1. I/we possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entry;
2. I/we have fulfilled my/our obligation to pay such of the taxes payable to the union and the state government or any local authority as specified in the Bidding Document.
3. I/we are not insolvent, in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons;
4. I/we do not have, and our directors and officers not have, been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
5. I/we do not have a conflict of interest as specified in the Act, Rules and the Bidding Document, which materially affects fair competition;

Date:-

Place:

Signature of bidder:-

Name :-

Designation:-

Address:-

Annexure C : Grievance Redresser during Procurement Process

The designation and address of the First Appellate Authority is **JDC**

The designation and address of the Second Appellate Authority is **Executive Committee**

(1) Filing an appeal:-

if any bidder or prospective bidder is aggrieved that any decision, action or omission of the procuring entity is in contravention to the provisions of the Act or the rules or the guidelines issued there under, he may file an appeal to First Appellate authority, as specified in the Bidding document within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved:

Provided that after the declaration of a bidder as successful the appeal may be filed only by a bidder who has participated in procurement proceedings:

Provided further that in case a procuring entity evaluates the technical bids before the opening of the financial bids, an appeal related to the matter of financial bids may be filed only by a bidder whose technical bid is found to be acceptable.

(2) The officer to whom an appeal is filed under Para (1) shall deal with the appeal as expeditiously as possible and shall endeavour to dispose it of within thirty days from the date of the appeal.

(3) If the officer designated under Para (1) fails to dispose of the appeal filed within the period specified in Para (2), or if the bidder or prospective bidder or the procuring entity is aggrieved by the order passed by the first appellate authority, the bidder or prospective bidder or the procuring entity, as the case may be, may file a second appeal to second appellate authority specified in the bidding document in this behalf within fifteen days from the expiry of the period specified in Para (2) or of the date of receipt of the order passed by the first appellate authority, as the case may be.

(4) Appeals not to lie in certain cases:-

No appeal shall lie against any decision of the procuring entity relating to the following matters, namely:-

- (a) Determination of need of procurement
- (b) Provisions limiting participation of bidders in the bid process
- (c) The decision of whether or not to enter into negotiations
- (d) Cancellation of a procurement process
- (e) Applicability of the provisions of confidentiality

(5) Form of Appeals:-

- (a) An appeal under Para (1) or (3) above shall be in the annexed form along with as many copies as there are respondents in the appeal.
- (b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee,
- (c) Every appeal may be presented to first appellate authority or second appellate authority, as the case may be, in person or through registered post or authorised representative.

(6) Fee for filing Appeal:-

- (a) Fee for first appeal shall be rupees two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non-refundable.
- (b) The fee shall be paid in the form of bank demand draft or banker's cheque of a scheduled bank in India payable in the name of appellate authority concerned.

(7) Procedure for disposal of Appeal:-

- (a) The first appellate authority or second appellate authority as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing
- (b) On the date fixed for hearing, the first appellate authority or second appellate authority, as the case may be shall-
 - (i) hear all the parties to appeal present before him; and
 - (ii) peruse or inspect documents, relevant records or copies thereof relating to the matter.
- (c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the appellate authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
- (d) The order passed under sub-clause (c) above shall also be placed on the state public procurement portal.

Annexure D: Additional Conditions of Contract

1. Correction of arithmetical errors

Provided that a financial bid is substantially responsive, the procuring entity will correct arithmetical errors during evaluation of financial Bids on the following basis:

- (i) if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the procuring entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- (ii) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (iii) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above.

If the Bidder that submitted the lowest evaluated bid does not accept the correction of errors, its bid shall be disqualified and its bid security shall be forfeited or its bid securing declaration shall be executed.

2. Procuring Entity's Right to Vary quantities.

- (i) At the time of award of contract, the quantity of goods, works or services originally specified in the bidding documents may be increased or decreased, by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the bidding documents. It shall be without any change in the unit prices or other terms and conditions of the bid and the conditions of contract.
- (ii) If the Procuring entity does not procure any subject matter of procurement or procures less than the quantity specified in the bidding document due to change circumstances, the bidder shall not be entitled to any claim or compensation except otherwise provide in the conditions of contract.
- (iii) In case of procurement of goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not be more than 25% of the value of goods of the original contract and shall be within one month from the date of expiry of last supply. If the supplier fails to do so, the procuring entity shall be free to arrange for the balance supply by limited bidding or otherwise and the extra cost incurred shall be recovered from the supplier.

3. Dividing quantities among more than one bidder at the time of award (In case of procurement of Goods):-

As a general rule all the quantities of the subject matter of procurement shall be procured from the Bidder, whose Bid accepted. However, when it is considered that the quantity of the subject matter of procurement to be procured is very large and it may not be in the capacity of the Bidder, whose Bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and vital nature, then in such cases, the quantity may be divided between the Bidder, whose Bid is accepted and the second lowest Bidder or even more Bidder in that order, in a fair, transparent and equitable manner at the rates of the Bidder, whose Bid is accepted.

FORM No. 1
[see rule 83]

**Memorandum of Appeal under the Rajasthan
Transparency in Public procurement Act, 2012**

Appeal No.....ofBefore
the.....(First/Second Appellate authority)

- 1- Particulars of appellant :
(i) Name of the appellant :
(ii) Official address, if any:
(iii) Residential address :
- 2- Name and address of the respondent(s):
(i)
(ii)
(iii)
- 3- Number and date of the order appealed
against and name and designation of the
office/authority who passed the order
(enclose copy), or a statement of a decision,
action or omission of the procuring Entity
in contravention to the provisions of the Act
by which the appellant is aggrieved:
- 4- If the Appellant propose to be represented by
a representative the name and postal address
of the representative:
- 5- Number of affidavits and documents enclosed
with the appeal:
- 6- Grounds of appeal :
(Supported by an affidavit)
- 7- Prayer :

Place :

Date :

Appellant's Signature

**Name of work :- Repair and maintenance Development of Bagrana Katchi Basti Under Rajeev Awas
Yonjana, Agra Road, Jaipur Package I B (816 DU's).**

Based on JDA BSR-2016(Building, Electrical , Sewerage & water supply)

" G-Schedule"

PART"A"

Sr. No.	Sub-Head & Item of Work	Unit	Quantity	Rate	Amount
1	2	3	4	5	6=(4x5)
1	Earth work in excavation by mechanical means (Hydraulic Excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 SQM on plan) including disposal of excavated earth, lead upto 50 m and all lift upto 1.5m, disposed earth to be levelled and neatly dressed all kinds of soil.	Cum	90.00	111.60	10044.00
2	Excavating trenches of required width for pipe cables, etc. including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 Mtr. including taking out the excavated soil, and then returning the soil as required in layers not exceeding 20cm in depth including consolidating each deposited layer by ramming, watering etc. and disposal of surplus excavated soil as directed within a lead of 50 Mtr.: All kinds of soil				
	Pipes cables, etc. exceeding 80mm dia but not exceeding 300mm dia.	Rmt	100.00	117.00	11700.00
3	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidation each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	Cum	100.00	40.50	4050.00
4	Dismantling tile work in floors and roofs laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meter lead:				
	For thickness of tiles 10mm to 25mm.	Sqm	90.00	13.50	1215.00
5	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge.				
	1: 3: 6 or richer mix.	Cum	30.00	397.80	11934.00
6	M 10 grade Nominal Mix 1: 3: 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)	Cum	20.00	2398.50	47970.00
7	Random Rubble stone masonry for foundation and plinth in Cement Sand mortar above 30CM thick wall in:				
	Cement Mortar 1:6 (1 Cement : 6 Sand).	Cum	14.40	2604.60	37506.24
8	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
	Thermo-Mechanically Treated bars.	Kg	960.00	62.10	59616.00
9	Brick work with F.P.S bricks of class designation 75 in superstructure above plinth level upto floor V level in all shapes and sizes in:				
	Cement mortar 1 : 6 (1 cement : 6 coarse sand)	Cum	16.80	2949.30	49548.24
10	Half brick masonry in Superstructure, above plinth level upto floor V level using bricks of designation 75				
	Cement mortar 1 : 4 (1 cement : 4 coarse sand)	Sqm	24.00	325.80	7819.20
11	Providing and fixing external grade board solid core single leaf flush door shutters ISI 2202-67 marked using Phenol formaldehydesin in glue both sides with approved steel fittings complete as per annexure 'A' :30 mm thick .				
	Commercial Veneer both side	Sqm	90.00	1106.10	99549.00
12	Labour charges for repair to door / window without using any material such as applying randha (finishing) tightening of bolts & screw etc.	Sqm	450.00	137.70	61965.00
	Aldrop of mild Steel				

Sr. No.	Sub-Head & Item of Work	Unit	Quantity	Rate	Amount
1	2	3	4	5	6=(4x5)
	12" long x12mm dia	Each	48.00	104.40	5011.20
13	Mild Steel Tower Bolt 6" long	Each	48.00	27.90	1339.20
14	Steel Handle 6" size	Each	48.00	17.10	820.80
15	Providing and fixing to existing door frames 24mm thick factory made PVC door shutters made of stiles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2mm +/- 0.2 mm with inbuilt edging on both sides. The stiles and rails mitred and joined at the corners by means of M.S.galvanized/plastic brackets of size 75x220mm having wall thickness 1.0mm +/- 0.1mm and stainless steel screws. The stiles of the shutter reinforced by inserting galvanized M.S.tube of size 20x20mm and 1mm +/-0.1mm wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24mm and 2mm +/- 0.2mm wall thickness fixed to the shutter stiles by means of plastic/ galvanized M.S.'U' cleats. The shutter frame fitted with a uPVC multi-shambered single panel of size not less than 610mm, having overall thickness of 20mm and 1mm +/- 0.1mm wall thickness. The panels fitted vertically and tie bar at two places by inserting horizontally 6mm galvanized M.S.rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge (For W.C.and bathroom door shutter).	Sqm	150.00	1948.50	292275.00
16	Repair of existing steel glazed doors, windows and ventilator, MS sqm sheet door, garge doors, compound wall gates etc. by welding drilling complete include. Cost of welding rods and hire charge of welding meachine and TP etc complete	Sqm	96.00	207.90	19958.40
17	Providing and fixing Square bars or other flat welded to window, ventilators etc.	Kg	48.00	55.80	2678.40
18	Extra for additional shutter in pipe section windows with wire gauge 14 mesh x 24 gauge	Sqm	72.00	1032.30	74325.60
19	Renewing glass panes, with putty and nails wherever necessary:				
	Float glass panes of thickness 4 mm	Sqm	336.00	385.20	129427.20
20	Renewal of old putty of glass panes (length)	Rmt	720.00	11.70	8424.00
21	Grading roof for water proofing treatment with water proffing compound Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum	50.00	2934.00	146700.00
22	Filling of sunk portion of roof with earthen pots of required height including filling voids with 1:2:4 light concrete, using brick bats complete levelling and dressing the surface by 50mm thick cement concrete 1:2:4 as per specification.	Cum	19.20	886.50	17020.80
23	Finishing with neat cement (punning).	Sqm	72.00	23.40	1684.80
24	Crazy marble stone flooring 20mm thick marble stone with black or of specified colour topping including filling the gaps with cement marble chips mix in proportion of 4 : 7 (4cement : 7white black or white or black marble chips) size from 1mm to 4mm by volume and under layer of 25mm thick cement concrete (1:2:4, graded stone aggregate 12.5mm nominal size) rubbing and polishing and cement slurry etc. complete : In ordinary cement.	Sqm	84.00	360.90	30315.60

Sr. No.	Sub-Head & Item of Work	Unit	Quantity	Rate	Amount
1	2	3	4	5	6=(4x5)
25	Providing and fixing stone slabs table rubbed, 15-18 mm thick in Walls, Steps, Pillars, Counters, Jambs, Shelves, Sills etc. laid on 12mm (Av.) thick base of CM 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete. Bhaislana, Abu, Kishangarh Zebra (Black Marble) Above 3601 Cm2 Slabs.				
	Bhaislana, Abu, Kishangarh Zebra (Black Marble)				
	Above 3601 Cm2 Slabs	Sqm	24.00	990.00	23760.00
26	Providing and fixing stone slabs table rubbed, 15-18 mm thick in Walls, Steps, Pillars, Counters, Jambs, Shelves, Sills etc. laid on 12mm (Av.) thick base of CM 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete.				
	Bhaislana, Abu, Kishangarh Zebra (Black Marble) Upto 1500 Cm2 Slabs	Sqm	72.00	673.20	48470.40
27	Marble chips skirting/dado rubbed and polished to granolithic finish 6mm thick with white marble chips of approved colour and size from smallest to 4mm nominal size laid in cement marble chips mix in proportion of 4:7(4 cement : 7 marble chips) by volume including fixing of dividing strips (excluding the cost of strips) complete in all respects : 18mm thick with under layer of 12mm thick cement plaster 1:3 (1 cement : 3 coarse sand) : Dark shade pigment with ordinary cement.	Sqm	19.44	389.70	7575.77
28	Kota stone slab flooring 25 mm thick over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand)				
	For area of each slab from 2001 to 5000 Sq.Cm	Sqm	48.00	638.10	30628.80
29	Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS : 13753 & IS :15622 of size 200mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	Sqm	48.00	462.60	22204.80
30	Providing and fixing 1st quality MAT finished ceramic tile size 300x300mm confirming to IS : 13755 and IS : 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and ther light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).	Sqm	75.00	506.70	38002.50
31	Extra for using size above 200x300mm in glazed tiles and for using 400mm x 400mm MAT finished tiles in place of 300mm x 300mm size.	Sqm	75.00	46.26	3469.50
32	Making of hole (width up to 150 mm) in R.C.C. slab/wall/beams by power driven drilling machine complete as per direction of EI	Each	14.00	92.70	1297.80
33	Repairs to plaster of thickness 12mm to 20mm in patches of area 2.5 sq. metres and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 m lead : With cement mortar 1 :4 (1 cement : 4 coarse sand)	Sqm	96.00	122.40	11750.40

Sr. No.	Sub-Head & Item of Work	Unit	Quantity	Rate	Amount
1	2	3	4	5	6=(4x5)
34	Providing and applying white cement based putty over plastered surface to prepare the surface even and smooth complete	Sqm	144.00	64.80	9331.20
35	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	Sqm	96.00	43.20	4147.20
36	Making grooves as per design in plaster 10mm to 20mm wide.	Rmt	120.00	4.50	540.00
37	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including all scaffolding:				
	New work (two or more coats) over and including scrapping and priming coat with cement primer.	Sqm	480.00	46.80	22464.00
38	Painting exterior surface of Wall with 100% acrylic exterior paint of approved brand and manufacture to give an even shade with two or more coats including sand papering, prime coat, making smooth surface with cement based putty etc complete in all respect (New Work) .	Sqm	4800.00	77.40	371520.00
39	Re-lettering with black Japan paint of approved brand and manufacture.	P.Letter P.cm height	2400.00	0.68	1632.00
	Sanitary Work				
40	P & F Indian type white glazed vitreous china 1st quality W.C. orissa pan (IS :2556 Mark) with 100 mm vitreous china P or S trap including cutting and making good the wall and floor:				
	Size 580x440mm.	Each	50.00	1585.80	79290.00
41	P & F WVC wash basin (1st quality, I.S. : 2556 Mark) of approved make with C.I. brackets duly painted, 1 No. 15 mm C.P. Pillar cock (IS : 8934 Mark) & 32 mm C.P. brass waste coupling of approved make, 25 mm G.I. waste pipe complete including cutting & making good the wall.:				
	Size 450 mm x 300 mm	Each	50.00	1332.90	66645.00
42	P & F Grating of approved quality/make:				
	Stainless Steel Sheet size 125mm dia.	Each	40.00	36.00	1440.00
43	P & F G.I. pipes (Internal Work) with G.I. Fittings excluding union (IS:1239 Mark) & MS clamps including cutting and making good the walls and floors:				
	Exposed on wall				
	15mm dia nominal bore				
	B' Class	Rmt	72.00	121.50	8748.00
44	25mm dia nominal bore				
	B' Class	Rmt	120.00	207.00	24840.00
45	P & F G.I. Pipes (External Work) with G.I. fittings excluding union (IS : 1239 Mark) including trenching & refilling earth etc.				
	65mm dia nominal bore				
	B' Class	Rmt	384.00	381.60	146534.40
46	P & F Bib Cock (IS : 8931 Mark), Superior quality of approved make:				
	P.V.C. heavy duty, 15mm nominal bore.	Each	96.00	65.70	6307.20
47	P & F Ball Cock (IS :1703 Mark) with Rod & P.V.C. Ball complete :				
	Brass wt.400 gm,15mm.	Each	192.00	183.60	35251.20
48	P&F Flush Cock/Flush Valve (IS:9758 Mark) for WC of approved quality make:				
	Brass/Gun metal Half-turn wt. 1 kg. of approved quality/make, 25mm nominal bore.				

Sr. No.	Sub-Head & Item of Work	Unit	Quantity	Rate	Amount
1	2	3	4	5	6=(4x5)
49	P & F Full-way Valve (IS:778 Mark) or wheel valve of approved make :				
	Gun-metal 25mm nominal bore.	Each	48.00	391.50	18792.00
50	P & F Square-mouth gully trap `A` grade (IS :marked) of approved make complete with C.I. grating, frame & Cover masonry chamber in C.M. 1:6, 100mm thick C.C. 1:5:10 base concrete, 40mm thick C.C.M-15 grade coping, 12mm thick cement plaster in CM 1:3 complete as per approved design & type				
	Trap size 150 X 100mm, 7.2 Kg. C.I. cover with frame, Internal Chamber size 300 X 300mm.	Each	5.00	752.40	3762.00
51	P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 kg. / Cm2.) approved quality / make including joining the pipe with solvent cement rubber ring and lubricant.				
	75 mm dia	Rmt	120.00	99.00	11880.00
52	110 mm dia	Rmt	144.00	156.60	22550.40
53	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:				
	Coupler (socket)				
	75 mm dia	Each	48.00	51.30	2462.40
54	110 mm dia	Each	48.00	62.10	2980.80
	Plain Tee				
55	75 mm dia	Each	48.00	66.60	3196.80
56	110 mm dia	Each	48.00	108.90	5227.20
	Door Tee				
57	75 mm dia	Each	48.00	103.50	4968.00
58	110 mm dia	Each	48.00	124.20	5961.60
	Door 'Y'				
59	75 mm dia	Each	48.00	108.90	5227.20
60	110 mm dia	Each	48.00	134.10	6436.80
	Door Band (Left & Right)				
61	75 mm dia	Each	48.00	92.70	4449.60
62	110 mm dia	Each	48.00	113.40	5443.20
	P- Trap				
63	110 mm dia	Each	14.00	222.30	3112.20
	Vent cowl				
64	75 mm dia	Each	48.00	25.20	1209.60
65	110 mm dia	Each	48.00	32.40	1555.20
	Pipe clip				
66	75 mm dia	Each	72.00	14.40	1036.80
67	110 mm dia	Each	96.00	20.70	1987.20
	Door Cap				
68	75 mm dia	Each	120.00	26.10	3132.00
69	110 mm dia	Each	120.00	36.00	4320.00
	Bend 45				
70	75 mm dia	Each	72.00	46.80	3369.60
71	110 mm dia	Each	72.00	73.80	5313.60

Sr. No.	Sub-Head & Item of Work	Unit	Quantity	Rate	Amount
1	2	3	4	5	6=(4x5)
	Plain Floor Trap				
72	110 mm dia	Each	14.00	134.10	1877.40
73	Construction of manhole in all type of soil inner size 90 X 60 Cm. 450 mm thick masonry in CM 1:6, 10 Cm. thick cement concrete 1:5 10 in foundation, 20 mm thick inside plaster in CM 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring, making channels, 80mm thick stone slab covering with 40mm thick M-15 grade C.C. flooring, Cement cover with frame of 450mm dia, earthwork etc. complete as per design including disposal of surplus earth within 50 mtr. lead.				
	Depth up to 0.5 M	Each	3.00	3600.00	10800.00
74	P & F PVC Storage Tank ISI Marked (IS : 12701) indicating the BIS license No), of approved make with cover, 25mm dia 1M long G.I. over-flow pipe & 25 Cm. long wash out pipe with plug & socket, including making connection etc., complete of approved design:				
	500 litres capacity.	Each	24.00	2700.00	64800.00
75	Hoisting Charges for each floor :	Each	72.00	63.00	4536.00
76	P & F Stop Cock (IS :8931 Mark), superior quality & of approved				
	Brass 400 gm 15mm nominal bore	Each	48.00	207.00	9936.00
77	Supply & fixing G.I. Union ISI marked in G.I. pipe line as required complete in all respect of size :				
	15mm dia nominal bore	Each	24.00	79.20	1900.80
78	25mm dia nominal bore	Each	24.00	126.90	3045.60
79	65mm dia nominal bore	Each	12.00	688.50	8262.00
80	P& F waste Coupling with fittings of approved quality /make:				
	C.P Brass 32 mm dia	Each	48.00	97.20	4665.60
81	P& F waste Pipe with all fitting				
	P.V.C with C.P nut 32 mm	Each	48.00	118.80	5702.40
82	Reducer 110 X 75 mm 160mm dia	Each	4.00	66.60	266.40
	Electric Work				
83	Wiring of light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq.mm FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) of approved make in surface/ recessed ISI marked medium duty PVC conduit & it's accessories, round tiles,18 SWG M.S.box with earthing terminal, 6 A switch, 3.0 mm thick phenolic laminated sheet, zinc plated / brass screws, cup washers, making connections, testing etc. as required.				
	Complete Group 1				
	Short point (up to 3 MTR.)	P.Point	96.00	155.20	14899.20
84	Medium point (up to 6 MTR.)	P.Point	96.00	234.40	22502.40
85	Long point (up to 10 MTR..)	P.Point	96.00	332.00	31872.00

Sr. No.	Sub-Head & Item of Work	Unit	Quantity	Rate	Amount
1	2	3	4	5	6=(4x5)
86	Wiring of twin control light point with 1.5 sq. mm FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq.mm FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) of approved make in surface / recessed ISI marked medium duty PVC conduit & it's accessories, round tles,18 SWG M.S.box with earthing terminal, 6 A two way switch, 3.0 mm thick phenolic laminated sheet, zinc plated / brass screws, cup washers, making connections, testing etc. as required.				
	Complete Group 1				
	Medium point (up to 6 mtr.)	P.Point	96.00	237.60	22809.60
87	Wiring of 3 pin 5 amp. light plug point with 1.5 sq. mm FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq.mm FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) of approved make in surface / recessed ISI marked medium duty PVC conduit & it's accessories, 18 SWG M.S.box with earthing terminal, 6 A switch, 6 A socket, 3.0 mm thick phenolic laminated sheet, zinc plated / brass screws, cup washers, making connections, testing etc. as required.				
	Complete Group 1				
	On board	P.Point	96.00	72.80	6988.80
88	S&F following sizes (dia.) of ISI marked medium duty PVC conduit along with accessories in surface / recessed using saddles, clamps, fastener as required including cutting the wall and making good the same as required.				
	Complete Group 1				
	20 mm	Rmt	36.00	25.60	921.60
89	25 mm	Rmt	24.00	33.60	806.40
90	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor ISI marked (IS:694) of 1.1 kV grade and approved make in existing surface or recessed conduit/casing capping including making connections etc. as required.				
	Complete Group 1				
	1 x 1.5 sq.mm	Rmt	480.00	11.20	5376.00
91	Wiring for sub mains ISI marked (IS:694) 1100 Volts grade PVC insulated flat twin core sheathed solid aluminium conductor with 10 SWG G.I. Support wire duly clipped etc. as required.				
	Complete Group 1				
	4.0 sq.mm	Rmt	48.00	27.20	1305.60
92	P & F ISI marked gong bell including making connection testing etc. as required.d.				
	Complete Group 1	Each	216.00	48.00	10368.00
93	P&F 240/415 V AC MCB with positive isolation of breaking capacity not less than 10 KA (B/ C/ D tripping characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898 in existing board/sheets including making connections, testing etc. as required.				
	double pole MCB				
	Complete Group 1				
	6 A to 32 A rating	Each	90.00	320.80	28872.00

Sr. No.	Sub-Head & Item of Work	Unit	Quantity	Rate	Amount
1	2	3	4	5	6=(4x5)
94	P&F Recessed/ Surface mounting heavy duty horizontal type sheet steel Distribution board phosphatised/ powder painted complete with copper bus bar, shorting link, neutral link, earth link and din bar, conforming to IS13032 & IS8623 including making internal DB terminations with copper lugs , testing etc. as required.				
	Single door (single phase)				
	Complete Group 1				
	4 Way	Each	24.00	355.20	8524.80
95	P & F IS:371 marked 6 amp surface type ceiling rose including making connection testing etc. as required .				
	Complete Group 1	Each	96.00	14.20	1363.20
96	P & F IS marked 6 amp. Bakelite batten/angle holder including making connection testing etc. as required.				
	Complete Group 1	Each	288.00	16.00	4608.00
97	P & F ISI marked flush type 120/180 watt rotary step fan regulator including making connection testing etc. as required				
	Complete Group 1	Each	96.00	168.00	16128.00
98	P & F ISI marked (IS:3854) 6 amp. Flush type switch including cutting hole in tile and making connection testing etc. as required.				
	Complete Group 1	Each	288.00	15.20	4377.60
99	P & F ISI marked (IS:1293) 3 Pin 6 amp. Flush type socket including cutting hole in tile and making connection testing etc. as required.				
	Complete Group 1	Each	288.00	21.60	6220.80
100	Providing and fixing 150mm wide sheet covering over expansion joints with iron screws as per design to match the colour/shade of wall treatment. Aluminum fluted strips 2 mm thick	Rmt	72.00	270.00	19440.00
101	P & F Un plasticized Poly Vinyl Chloride (UPVC) SWR Pipes Type B for Sciland waste discharge system (IS:13592 :1992) marked) of approved quality & make 110mm dia	Rmt	48.00	198.00	9504.00
102	Construction of chamber in all type of soil with 300mm thick masonry in CM 1:6, 10 cm thick CC 1:5:10 in foundation , 20mm thick inside plaster in CM 1:6, finished with floating neat cement, 50 mm thick M-15 grade C.C. flooring , earthwork etc complete as per design including disposal of surplus earth within a lead of 50 mtr				
	Inside size 300 X 300 mm depth upto 0.5 M Cement cover with frame.	Each	4.00	620.10	2480.40
	Road Repairing Work				
103	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406. By Mechanical Means with 1 km lead	Cum	36.00	1071.00	38556.00
104	Prime coat				

Sr. No.	Sub-Head & Item of Work	Unit	Quantity	Rate	Amount
1	2	3	4	5	6=(4x5)
	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0kg/sqm using mechanical means as per Technical Specification Clause 502.	Sqm	144.00	31.50	4536.00
105	Tack coat				
	Providing and applying tack coat with Bitumen emulsion (RS - 1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 50	Sqm	144.00	10.80	1555.20
106	20 mm thick Open graded Premix Carpet using Bituminous (Penetration grade/ modified bitumen) binder: Providing laying and rolling of open graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 80-100 kN static roller capacity, finished to required level and grades to be followed by seal coat of either type A or type B or type C as per Technical specification Clause 508 bitumen (S-90) By Mechanical Means	Sqm	144.00	108.00	15552.00
107	Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A, Type B, Type C as per Technical Specification Clause 510 by By Manual Means Type B (1) Bitumen (S-90)	Sqm	144.00	36.90	5313.60
108	Providing and Laying of Interlocking M-30 grade Concrete Block Pavements having thickness 60 mm as per drawings and MoRD Specification Clause 1504 with M-30 Grade 0.30 Mtr x 0.30 Mtr x 0.15 Mtr Edge Blocks.				
	Category 'B' : Dentated only two side like I,Z,T shape as per IRC:SP:63-2004	Sqm	96.00	562.50	54000.00
	Steel Work				
109	Providing and fixing steel gate, grating , and grills made of angles, tees, square bars, flats, or black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide	Kg	240.00	66.60	15984.00
110	Extra for providing D type pipe head as top of hand railing	Kg	48.00	6.60	316.80
111	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
	Two or more coats on new work	Sqm	240.00	39.60	9504.00
112	Refebrication work with existing steel work including cutting, welding & refebrication as per requirement with fixing at site complete as per direction of Engineer In charge	Kg	96.00	21.60	2073.60
113	P/F of reinforced ferro cement Drain cover designed for Cl "AA" loading duly marked on cover with adequate steel reinforcement having thickness 75mm to 150mm anti corrosive bitumen painted MS plate rim and on MS lifting hooks admixers like plasticizer bond improving compound shrinkage resistance compound abrasion resistant complete as per approved design etc				
	for drain Opening Size 1201 to 1500 mm Standard Drain Cover Size 2100mm x 500mm x 150mm	Sqm	5.04	2871.00	14469.84

Sr. No.	Sub-Head & Item of Work	Unit	Quantity	Rate	Amount
1	2	3	4	5	6=(4x5)
114	Providing, laying and jointing of 200 mm diameter Stone Ware pipes grade "A" ISI Marked conforming to IS:651:1980 (Amended up to date) with 10 cm thick and 63 cm wide plain cement 1:4:8 (1 cement: 4 coarse sand : 8 graded stone aggregate 20 mm nominal size) bedding and haunching upto 1/4 of outer diameter of pipe of sewer and laying stone ware pipes confirming to IS: 4127: 1983 (Amended up to date) with hydraulic testing of sewer line including cost of water and equipment required for testing. The work includes earth work in excavation in all types of soil such as murrum, sand, sandy silt, black cotton soil, hard soil, kankar etc. including disposing off surplus excavated material within a lead of 50 meter including cost of close timbering beyond 1.50 meter average invert depth, shoring and strutting and refilling of trenches with excavated material, watering and ramming in layers as per PWD specifications complete in all respect and as per direction of Engineer-in-charge for following average invert depths: (D-142 Dt. 28.04.2008)				
	At av. Depth 1.5 meter [From 1.50 m to 1.79 m]	Rmt	15.00	418.00	6270.00
115	Raising/lowering to required height of pre-cast concrete manhole where ever pre-cast chamber have been provided in sewerage system by dismantling the C.I. frame provided for cover, dismantling and concrete of conical piece, bending the extended reinforcement in required position providing M-40 grade cement concrete as per site requirment and fixing of new C I frame for placing manhole cover. The work includes curing, providing barricading during construction, putting sign board/caution board for safety purpose, providing all material like cement, sand, grit for M-40 concrete, shuttring where ever required. The work also includes providing all tools and plants such as vibrator, mixture, required for the Job in all respect with site clearance. (Dir. Engg. /D-143 dt. 28.02.2011)	Each	9.00	1500.00	13500.00
116	Labour charges for inter connection of proposed pipe line with existing, pipe line by digging of Pit, cutting of pipe, without bailing out of water and satisfactory testing of inter connection and site clearance.(D-547 dt. 20.12.2011)	Each	24.00	890.00	21360.00
117	Construction of tube-well from ground levels and utp 100 Meter depth and above to accommodate housing and assembly pipe of following sizes to all types of alluvium strata by precussion/rotary drilling method and with gravel as per IS:4097-1967 and packing as per IS:2800 (Part - I & II) 1979 as amended upto date (the work includes the cost of gravel & its primary packing and packing during development, lowering of housing & strainer assembly pipes, with supply and wrapping of coir rope, wherever necessary, for arresting fine sand particles. The work will not include cost of housing pipe and strainer pipe assembly and development work, but work would be completed after obtaining sand free water, 200 mm Nominal bore.	Mtr.	240.000	1089.00	261360.00
118	Construction of tube well upto 100m depth and above in all type of rocks by DTH system and over burdien to accommodate casing pipe of 150mm size in all types of soils and over-burden including lowering of casing pioes, but excluding cost of casing pipes as pe IS 2800 (Part I & II) 1979 specifications. The work would be completed after obtaining sand free water. The tube should have a throughout bore as per nominal dia of casing pipe. 200 mm dia Nominal bore	Mtr.	313.613	742.50	232857.51
119	Supply of ERW M.S. Black casing pipe ISI marked (IS: 4270/1992) of grade Fe 410 of size at site of work 200mm nominal bore.	Mtr.	192.000	1413.00	271296.00

Sr. No.	Sub-Head & Item of Work	Unit	Quantity	Rate	Amount
1	2	3	4	5	6=(4x5)
120	Supply of strainer pipes made of ERW M.S. Black pipe ISI marked of following sizes at the site of work including required site of work including required size of slotting as per IS: 8110-1985 200 mm nominal bore.	Mtr.	48.000	1638.00	78624.00
121	Development of Tube well as per IS specifications using suitable compressor to give sans free water for required yield of the gravel packed Tube Well.				
	New Tube wells	Hrs.	60.000	445.50	26730.00
122	S & F tube well cover of M.S. Sheet (6mm thick) with nuts and bolts complete for casing size : 200mm Nominal bore.	Nos	3.000	277.20	831.60
123	S & F M.s. Clamp, set of 50 x 6mm flat from iron with nuts and bolts etc., for holding the riser pipe assembly of submersible pump set.	Nos.	4.000	198.00	792.00
124	Installation of submersible motor pump set in Tube-well/open well complete (labour charges only) including transportation of tripod, chain pulley block & any other material required for lowering purpose.	Nos.	5.000	2772.00	13860.00
125	Providing & lowering of G.I. flange pipe including rubber washer and nuts of 8 mm dia complete in all respect.				
126	B Class 50 mm dia	RM	384.000	100.00	38400.00
127	Providing and laying ISI marked pvc insulated Submersible cable conforming to IS 694 with flexible copper conductor including making connection etc. 2.5 sqmm 3 core Complete Rate Group 3 (make ICC, nicco /Gloster/tropondour)	RM	720.000	52.00	37440.00
128	Making connection of G.I. Distribution with GI main including all fitting beyond 25mm & upto to 100mm	Each	4.000	243.90	975.60
129	P/Laying XLPE insulated / P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor Armoured of IS:7098-1/1554-1 approved make in ground as per IS:1255 including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand, 1st class bricks covering, refilling earth, compaction of earth, making necessary connection, testing etc. as required of size.10.0 Sq.mm 4 core (Group-1)Complete Rate Unarmoured	RM	98.880	108.00	10679.04
130	Supply and fixing & testing of feeder type panel board suitable for upto 15 HP electric motor having star delta/ DOL starter (L&T /BCH), MCB 32 amp.(haval /L&T), capacitor 3 KVR (L&T/Havals), Single phase priventor(L&T/havals), indicating lamp RYB , Amp. Meter (0 to 30Amp) , Volt Meter with selector switch (0 to 500 V) size 100 mm, kit kat fuse unit 100 amp, backlite sheet for fixing of 3 phase electric meter of JVVNL electric feeder panel approved as per design and specification mounted on angle iron frame and fixed plain on plain cement concrete platform, size of feeder panel box 900X 450X1200mm (D-547 dt. 20.12.2011)	Each	2.400	24915.00	59796.00
132	SITC of radial / mixed flow submersible motor pump sets ISI marked (IS:8034-1989) of approved make with required accessories including making connection suitable for T.W./ D.C.B./ Open well. The job includes lowering of riser pipe, G.I./ H.D.P.E. pipe with rope, cables, installation of complete fitting and accessories, jointing of electrical cables up to switch board. All labour for testing of submersible pumps set and supply of water to water mains, complete in all respect.150 mm diameter Submersible pump shall have following HP Rating, phase, Head, minimum Discharge respectively.				
	7.5 HP, 3-Ø, (65-135)Mtr, (240-115)LPM	Each	4.000	23184.00	92736.00
	Estimate of Water supply Distribution & Rising Main				

Sr. No.	Sub-Head & Item of Work	Unit	Quantity	Rate	Amount
1	2	3	4	5	6=(4x5)
131	Providing laying & Jointing of ISI mark centrifugally cast (Spun)ductile iron pressure pipe for water with socket and spigot end andTyton joint confirming to IS 8329/2000 and departmental specification in standard length (As required) for (Class K-7)suitable for push on joint (rubber gaskets jointing) with sidecement mortar lining with cutting of pipe and fixing of C.I. special joint where ever required. This also include the excavation of trench up to 1.5 Meter depth in all type of soil cutting of road surface pavement where required lift up to 1.5 Mt. stacking thesoil clear form the edge of excavation and refilling of soil after laying and jointing of pipe line with proper compaction and disposing of all surplus soil as directed with in lead of 30 Meter. This also include getting the pipe line tested and site clearance etc. (D-878 dt.01.09.2008)		0.000		
A	100mm	meter	96.000	1397.00	134112.00
B	200mm	meter	96.000	2455.00	235680.00
132	Providing/fixing/testing KG of DI specials (K-7) i.e. bend, tees, tailpieces, flanges etc. of various size as per the site condition and requirement including all jointing material in all respects, As per PHED specification. (D-306 dt. 28.04.2009)				
	Specials flanged DI K-7				
	Up to 300 mm dia.	Kg	144.000	90.00	12960.00
133	Providing, laying and jointing of UPVC class III (6 kg/cm2) ISI marked pipe with socket suitable for electromeric sealing ring type joint (ESR) in assorted length with fixing of PVC/C.I. Special (excluding cost of valve)fixing at CID joint after cutting, tapering etc. This include the excavation of trench upto 1.5 mtr. depth in all type of soil cutting of road surface pavement where required lift upto 1.5 mtr. stacking the soil clear form the edge of excavation and refilling of soil after laying and jointing of pipe line with proper compaction and disposing of all surplus soil as directed with in lead of 30 mtr. This also include getting the pipe line tested and site clearance etc. complete job (Make of pipe KISAN, FINOLEX).(D-547 dt. 20.12.2011)				
A	110mm	meter	144.000	355.00	51120.00
B	160mm	meter	96.000	691.00	66336.00
C	200mm	meter	96.000	1041.00	99936.00
134	Supply and fixing of cast iron Dismantling joint as per PHEDSpecification including cost of rubber flange gasket and nut bolts complete as required for following sizes. (D-547 dt. 20.12.2011)				
A	100mmdia	Each	3.000	2704.00	8112.00
B	150 mm dia	Each	1.000	4311.00	4311.00
C	200 mm dia	Each	1.000	6036.00	6036.00
135	Supply and fixing of cast iron double sluice valves IS 14846/2000specification (ISI marked) of PN-1 rating including cost of rubber flange gasket and nut bolts complete as required for following sizes. (D-547 dt. 20.12.2011)				
A	100 mm dia Category "A"	Each	2.000	5541.00	11082.00
B	150 mm dia Category "A"	Each	1.000	8107.00	8107.00
C	200 mm dia Category "A"	Each	2.000	12565.00	25130.00
136	Making Connection of G.I. Distribution branch with G.I. Main including all fitting. Upto 25 mm dia.	Each	12.000	165.60	1987.20
137	P & F G.I. Pipes (External Work) with G.I. fittings excluding union (IS : 1239 Mark) including trenching & refilling earth etc. 15mm dia nominal bore class B				
	Individual housing	meter	48.000	99.00	4752.00

Sr. No.	Sub-Head & Item of Work	Unit	Quantity	Rate	Amount
1	2	3	4	5	6=(4x5)
138	Supply of cast iron detachable joints class-10 as per ISI specification (IS 8794-1988) along with rubber ring (ISI marked) and nut bolts complete as per PHED specifications. (D-547 dt. 20.12.2011)				
A	100 mm	Each	14	274.00	3836.00
B	150 mm	Each	3	458.00	1374.00
C	200 mm	Each	3	652.00	1956.00
139	Supply and fixing of cast iron double sluice valves IS 14846/2000 specification (ISI marked) of PN-1 rating including cost of rubber flange gasket and nut bolts complete as required for following sizes. (D-547 dt. 20.12.2011)				
A	100 mm	Each	2	5541.00	11082.00
B	150 mm	Each	2	8107.00	16214.00
C	200 mm	Each	1	12565.00	12565.00
140	Supply of cast iron specials (class-10) as per IS : 5531-1988) specification as required. (D-547 dt. 20.12.2011)				
A	80 mm to 150 mm	Kg.	96	58.00	5568.00
B	200 mm to 300 mm	Kg.	96	62.00	5952.00
141	P/Laying ISI marked P.V.C. insulated submersible cable confirming to IS:694 with flexible copper conductor including making connection etc. as required.				
A	2.5 Sq.mm 3 core flat / Round Complete Rate Group 1	Mtr.	72	72.00	5184.00
B	4.0 Sq.mm 3 core flat / Round Complete Rate Group 1	Mtr.	96	102.40	9830.40
142	Labour charges for installation of submersible motor pump set including lowering/ delowering of pipes, cables, accessories etc. in tube-well/ open well complete including T&P, transportation of tripod, chain pulley block & any other material required for this purpose				
A	Lowering only Labour charges	Each	2	2073.60	4147.20
B	Delowering and Lowering Labour charges	Each	7	2844.00	19908.00
143.0	Labour supply	Each	850	153.00	130050.00
144.0	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. (Internal work Exposed on				
A	15 mm nominal outer dia pipes	Mtr.	200	101.70	20340.00
B	25 mm nominal outer dia pipes	Mtr.	200	118.80	23760.00
	Total =				4788979.24