

Bharat Bhari Udyog Nigam Limited  
( A Govt. of India Enterprise )

**By order of the Govt., The Braithwaite Burn and Jessop Construction Co. Ltd. (A Govt of India Undertaking) stands amalgamated with Bharat Bhari Udyog Nigam Limited (A Govt of India Enterprise) w.e.f. 10.07.2015.**

NIT/DGM(P-V)/AN/CIVIL WORK/MKTG HUB KGP/679

DATE:-28.09.15

**Regd. Office:**26. Raja Santosh Road, **Corporate Office:** 27, Rajendra Nath Mukherjee  
Alipore, Kolkata-700027 Road, Kolkata – 700001

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**Correspondences may be addressed to the corporate office**

<b>TENDER NO.</b>	<b>NIT/DGM(P-V)/AN/CIVIL WORK/ MKTG HUB KGP/679</b>	<b>DATE</b>	<b>28.09.2015</b>
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### **NOTICE INVITING TENDER**

Sealed Tenders are invited from reputed agencies for the following work:

01.	NAME OF THE WORK	CONSTRUCTION OF MARKETING HUB UNDER MEDINIPUR SADAR PANCHAYAT SAMITY OF PASCHIM MEDINIPUR DISTRICT, WEST BENGAL.
02.	QUANTITY	AS PER BOQ
02.	COMPLETION PERIOD	11 (ELEVEN) Months
03.	COST OF TENDER DOCUMENT (NON-REFUNDABLE)	<b>Rs.1000/=</b> (RUPEES ONE THOUSAND ONLY) BY CASH / PAY ORDER / DEMAND DRAFT IN FAVOUR OF “THE BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LIMITED” PAYABLE AT KOLKATA. SSI UNITS WITH NSIC REGISTRATION ARE EXEMPTED FROM SUBMITTING TENDER FEE.
04.	EARNEST MONEY DEPOSIT	<b>Rs. 2,50,000/=</b> (RUPEES TWO LAKH FIFTY THOUSAND ONLY) BY PAY ORDER/ DEMAND DRAFT IN FAVOUR OF “THE BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LIMITED” PAYABLE AT KOLKATA. SSI UNITS WITH NSIC REGISTRATION ARE EXEMPTED FROM SUBMITTING EMD. EXISTING CONTRACTORS WORKING WITH BBUNL MAY ADJUST THE EMD FROM THEIR PENDING BILLS.
05.	ISSUE OF TENDER DOCUMENT	BETWEEN <b>28.09.15</b> AND <b>12.10.15</b> DURING OFFICE HOURS AT BBUNL CORPORATE OFFICE. THE TENDER DOCUMENT MAY ALSO BE DOWNLOADED FROM website: <a href="http://www.bbunl.com">www.bbunl.com</a> or <a href="http://www.bbjconst.com">www.bbjconst.com</a> or <a href="http://www.eprocure.gov.in">www.eprocure.gov.in</a> (CPP PORTAL). “CORRIGENDUM”, IF ANY. WOULD APPEAR ONLY ON THE BBUNL/BBJ WEBSITE AND NOT TO BE PUBLISHED IN ANY NEWS PAPER.
06.	LAST DATE & TIME OF RECEIPT OF TENDER	RECEIPT UP TO 11.30 AM ON <b>13.10.15</b> AT BBUNL CORPORATE OFFICE.
07.	OPENING OF TENDER (TECHNO COMMERCIAL PART)	ON <b>13.10.15</b> AT BBUNL CORPORATE OFFICE AT 3:30 P.M.

Bharat Bhari Udyog Nigam Limited  
( A Govt. of India Enterprise )

**By order of the Govt., The Braithwaite Burn and Jessop Construction Co. Ltd. (A Govt of India Undertaking) stands amalgamated with Bharat Bhari Udyog Nigam Limited (A Govt of India Enterprise) w.e.f. 10.07.2015.**  
NIT/DGM(P-V)/AN/CIVIL WORK/MKTG HUB KGP/679 DATE:-28.09.15

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### **INSTRUCTION TO BIDDERS**

**1.SUBMISSION OF TENDER**” shall be read in conjunction with General Commercial Terms and conditions and any other documents forming part of this Tender Document wherever the context so requires. Notwithstanding the sub-division of the documents into the separate section, every part of each shall be deemed to be supplementary to and complementary to every other part and shall be read with the document so far as it may be practicable to do so wherever it is mentioned that the Sub-Contractor shall perform certain work or provide certain facilities, it is understood that the Sub-Contractor shall do so at their cost.

### **2. LANGUAGE**

Bids and all accompanying document shall be in English. In case any accompanying documents are in other language, it shall be accompanied by an English translation. The English version shall prevail in matter of interpretation.

### **3. ELIGIBILITY CRITERIA**

- a) Contractor must have experience of executing work of any civil Engineering work during last three financial years.
- c) Joint Venture is not permitted for the work.

### **4. SUBMISSION OF BID**

a) All the pages of the Tender document to be signed with Company’s seal by the bidders. The rates in the appropriate space in the **BILL OF QUANTITY (BOQ)**of the tender should be properly filled in both in figures and words. No overwriting, use of correction fluid will be allowed. Any correction will be done by scoring out the incorrect entry and inserting the new entry in a legible manner. Both the correction and new entry to be signed and sealed with Company’s seal. In the event of any difference between figure & words of the quoted rates, the rate in word shall be considered for evaluating the tender.

b)The Tender shall be signed by the person legally authorized to enter into commitment on behalf of the Tenderer. All the pages of the Tender Document to be signed with Company’s seal by the Tenderer. The rates in the appropriate space in the BILL OF QUANTITIES (BOQ) should be properly filled, both in figures and words. No overwriting, use of correction fluid will be allowed. Any correction will be done by scoring out the incorrect entry and inserting the new entry in a legible manner.

**IB-2**

Both the correction and new entry to be signed and sealed with Company's seal. In the event of any difference between figure & words of the quoted rates, the rate in word shall be considered for evaluating the tender. Tenders to be submitted in two parts as per following:

c) **TECHNO-COMMERCIAL PART**

**The Techno-Commercial bid should contain the following:**

- i) The Tender document including drawing etc. issued to the bidders (Excluding BILL OF QUANTITY-BOQ) duly signed and sealed in each page.
- ii) Documents in support of ELIGIBILITY CRITERIA as mentioned in Clause No.3 above.
- iii) **Copy of PAN number and VAT registration number** to be furnished along with the Techno-commercial bid.
- iv) **Copy of P.F/ESI registration certificate.**
- v) Company's audited Balance Sheet for last 3 (three) years.
- vi) Earnest Money Deposit (EMD) of **Rs.2,50,000/=**(Rupees two lakh fifty thousand only), in the form of pay order/ demand draft in favour of "The Braithwaite Burn and Jessop Construction Co. Ltd." and payable at Kolkata. For the case of successful bidder this EMD will be converted to Performance Security till completion of completion of project. Regular / existing supplier(s)/ sub-contractor(s) having overdue bills with the Company viz. The Braithwaite Burn and Jessop Construction Co. Ltd. and willing to adjust the same against Earnest Money Deposit, may apply for the same.
- vii) **LIST OF DEVIATIONS** duly filled as per BBUNL format enclosed (Annexure-I).  
The above documents are to be put in a sealed envelope superscribing "**TENDER NOTICE NO. AND TECHNO-COMMERCIAL PART**" to be submitted to BBUNL.

d) **PRICE PART**

Properly filled up BILL OF QUANTITY (BOQ) issued to the bidders in the tender document duly sealed and signed shall be put in a sealed envelope superscribing "**TENDER NOTICE NO.**" and "**PRICE PART**".

- e) The above two sealed envelope i.e. 'TECHNO-COMMERCIAL PART' and 'PRICE-PART' shall be put in a sealed envelope superscribing "**TENDER NOTICE NO./NAME OF WORK**" to be submitted to BBUNL. Please refer CHECK LIST (Annexure-III) in this regard.

**5. EXEMPTION FOR MICRO & SMALL ENTERPRISES:**

i) Micro & Small Enterprises units registered with National Small Industries Corporation (NSIC) will be given following benefits.

a) Issue of Tender set free of cost

b) Exemption from payment of Earnest Money Deposit

ii) Firms registered with NSIC under its “Single Point Registration Scheme”.(Exemption will apply only to items / service indicated under description of work / supplies / services & value up to which the firms are registered with NSIC). To obtain above benefits, firms should necessarily submit valid copy of the Registration Certificate issued by NSIC. **Firms in the process of obtaining NSIC Registration will not be considered for the benefits.**

6. All costs and expenses incidental to preparation of the tender, discussion, conference, pre-award discussion with BBUNL shall be to the account of the Tenderer and BBUNL shall bear no liability whatsoever on such cost expenses.

7. Conditional tenders may be rejected and no additional clause will be entertained.

8. The award of the order or rejection of the Tenderer’s offer and/or cancellation of the tender will be made at the absolute discretion of BBUNL. BBUNL reserves the right to cancel or accept or reject any or all tender(s), whether lowest or otherwise, without assigning any reason(s) whatsoever thereof. A Tenderer whose Tender is not accepted shall not be entitled to claim any cost, charges or expenses incidental to or incurred by him through or in connection with the preparation and submission of the Tender/Offer to BBUNL. BBUNL also reserves the absolute right to split up and award the requirement between two or more Tenderers/bidders. In such case L1 bidder will get at least 60% of the total quantity.

**9. CURRENCIES OF BID AND PAYMENT**

The Tenderer shall submit his price bid / offer in Indian Rupees and payment under this contract will be made in Indian Rupees.

10. All duties, taxes, fees and other levies payable by the Sub-Contractor under the contract or any other cause shall be included in the quoted prices.

**11. VALIDITY OF TENDER**

90 (NINETY) days from the date of opening of tender or for a further period if mutually accepted. BBUNL reserves the right to ask for the extension of validity, if any.

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**IB-4**

12. In case of ambiguities within clauses of different sections of this tender document, the order of preference will be in the following manner:

*1<sup>ST</sup>: INSTRUCTIONS TO THE BIDDERS.*

*2<sup>ND</sup>: SCOPE OF WORK.*

*3<sup>RD</sup>: SPECIAL CONDITION OF CONTRACT.*

*4<sup>TH</sup>: TECHNICAL SPECIFICATION.*

*5<sup>TH</sup>: BILL OF QUANTITIES.*

*6<sup>TH</sup>: GENERAL CONDITION OF CONTRACT.*

*7<sup>TH</sup>: INDIAN STANDARDS.*

13. General Arrangement (G.A.) drawing is not attached with this tender document. The bidders may see the General Arrangement drawing at BBUNL corporate office at 27, R.N. Mukherjee Road, Kolkata-700 001 during Office hours till last date of issue of Tender.

**SCOPE OF WORK**

**SOW-1**

1.0	JOB CONTENT: (IN GENERAL, BUT MAY NOT BE LIMITED TO)
i)	Construction of two storied RCC building of approx. 7000 square feet for each floor, finishing work, open foundation, boundary wall, earth filling, drainage work etc including supply of fine and coarse aggregate as per BOQ including survey work.
ii)	Receipt of Free-issue of cement and reinforcement bars from BBUNL at Site and laying /stacking the items properly. No lead and lift will be extra for shifting the same to working point.
iv)	Arranging necessary inspection and getting the subject work approved by BBUNL/ Zila Parishad, Pascim Medinipur or their Authorized Representative.
(2)	<b><u>SCOPE OF SUPPLY OF THE SUB-CONTRACTOR</u></b> (TO BE INCLUDED IN THE QUOTED PRICE)
i)	All LABOUR,PLANTS & MACHINERIES, TOOLS AND TACKLES required for execution of the entire work.
ii)	SUPERVISION
iii )	Binding Wire, Electrode and/or any other items required for execution of the work.
iv)	Fuel, Lubricant etc. to run the contractor's Plants and Machineries as required
v)	All shuttering materials, Earth cutting equipments, compactors etc. for the actual job
vi)	Maintenance of electricity & water arrangements
(3)	<b>FREE SUPPLY OF MATERIAL/FACILITES BY BBUNL TO SUB-CONTRACTOR FOR WORK-</b>
i)	Cements, reinforcement steel, Empty cement bag.
ii)	BBUNL will provide free of cost Suitable Land near site for setting up Sub-Contractor's yard and store. Land will be also given to the sub-contractor free of cost for setting up site office, store, labour hutment, cement godown, stack yard.
(4)	This scope of work shall be read in conjunction with BOQ and rate shall be quoted accordingly considering this scope of work.

**SPECIAL CONDITION OF THE CONTRACT**

1.	<b><u>JOB CONTENT:</u></b>
a)	Construction of two storied RCC building of approx. 7000 square feet for each floor, finishing work, open foundation, boundary wall, earth filling, drainage work etc including supply of fine and coarse aggregate as per BOQ including survey work.
2.	<b><u>DRAWINGS &amp; SPECIFICATIONS:</u></b> BBUNL reserves the right to alter / modify the design / drawing / specification to suit to their condition. If due to change in design / drawing / specification, there is any increase / decrease in items / quantities or both, payment will be made only for actual work and certified by BBUNL/ BBUNL's Client / their authorised representatives.
3.	<b><u>DATE OF COMMENCEMENT:</u></b> The date of commencement will be considered the date of issue of LETTER OF INTENT (LOI) OR WORK ORDER WHICHEVER IS EARLIER.
4.	<b><u>DELIVERY SCHEDULE:</u></b>
a)	The Sub-Contractor has to mobilize plant, machinery, manpower etc.at site within 15 days from the date of LOI/ Order.
b)	The total work are to be completed within 11 months. This includes the Mobilization Period. The contractor will provide a work programme bar chart towards the same.
5.	<b><u>INSPECTION &amp; TESTING :</u></b>
a)	Inspection of Work will be done by BBUNL/Pascim Medinipur Zila Parishad and/or Authorised Representative of Pascim Medinipur Zila Parishad and the Sub-Contractor is required to get the work passed through BBUNL/ Pascim Medinipur Zila Parishad /their Authorised representative.
8.	<b><u>MEASUREMENT:</u></b> Irrespective of whatever written in this tender documents, measurement of works for payment will be as per approved Drawings of BBUNL/ Pascim Medinipur Zila Parishad.
9.	<b><u>EARNEST MONEY:</u></b> The Earnest Money deposit of the successful bidder shall be retained towards Performance Security to facilitate the due and faithful fulfilment of the contract.
10.	<b><u>SECURITY DEPOSIT:</u></b>
a)	An amount equal to 5% (five) of the gross amount of each R/A bill shall be deducted till the sum amounts to security deposit @5% of tender amount of work which will be released after completion of Maintenance /Defect Liability period.
b)	The Earnest Money of the successful bidder shall be converted to Performance Security, as elaborated in Clause No.9 above



**SPECIAL CONDITION OF THE CONTRACT**

c)	The Security Deposit deducted from the R.A. bills will be released after completion of Defect Liability /Maintenance Period. The Security Deposit may be released against submission of B.G. of equivalent amount as per discretion of BBUNL. The B.G. as mentioned above will be valid till the defect liability/ maintenance period plus three months from the date of completion of the entire work as per order. The performance Security will be released after completion of job along with the final bill.
11.	<b><u>DEFECT LIABILITY PERIOD /MAINTENANCE PERIOD</u></b> The Sub-Contractor shall fully guarantee all workmanship in scope of his work to perform strictly in accordance with the specifications. The workmanship shall be free from all defects. Should any workmanship not perform as intended or should workmanship prove defective within a period of 3 years from the date of completion of the work, the work shall upon notification of deficiency/ defect be promptly rectified by the Sub-contractor to the satisfaction of BBUNL/ Pascim Medinipur Zila Parishad or any Inspection Agency nominated by Pascim Medinipur Zila Parishad without any delay and at no extra cost to BBUNL. If the Sub-contractor fails to effect proper replacement within a reasonable time of receipt of BBUNL's notification to this effect, BBUNL, shall be free to take such corrective action at the Sub-Contractor's risk and cost.
12.	<b><u>R.A.BILLS:</u></b> R. A. Bills for work done in a particular month will be submitted monthly along with certification of BBUNL Site – In - Charge.
13.	<b><u>SUBMISSION &amp; PAYMENT OF BILLS:</u></b> All the bills as mentioned above are to be submitted at Site and the payments will be made from BBUNL Corporate Office at Kolkata.
14.	<b><u>PAYMENT TERMS:</u></b>
a)	95% (ninety five) against RA bill within 15 days from the date of submission of clear bill duly certified by Site-In-Charge/BBUNL, Kalaichandi Site.
b)	05% after one month from the date of completion of work and reconciliation of materials.
c)	Deduction on account of Security Deposit as per clause no.10 above will be effected from the above payments mentioned in clause no. 14(a) & (b) above.

**SPECIAL CONDITION OF THE CONTRACT**

15.	<b><u>PRICE VARIATION:</u></b> This is a fixed rate contract and no price variation / adjustment on any account is admissible during the tenure of the contract including extended time, if any, granted by BBUNL. PRICE SHALL REMAIN FIRM FOR THE ENTIRE SCOPE OF WORK.
16.	<b><u>TAXES &amp; DUTIES:</u></b> Sub-Contractor's price should include all taxes & duties applicable for execution of the subject work.
17.	<b><u>MATERIAL RECONCILIATION:</u></b>
a)	10% (Ten) wastage for cement & other free issued material and 5%(Five) for Reinforcement will be allowed in consumption of material or as agreed by BBUNL.
b)	Any additional wastage over and above the allowable limit (to be decided by BBUNL) will attract recovery from the Sub-contractor's RA Bill at the rate of the landed cost of the particular item of material plus 5%.
c)	All the empty cement bags are to be returned to BBUNL in good conditions.
d)	All monthly bills should accompany a reconciliation statement.
18.	<b><u>TIME EXTENSION:</u></b> If there is delay for reasons not attributable to the Sub-Contractor, BBUNL, upon receipt of written request from the Sub-Contractor may extend the Completion time as suitable and fit reasonable to BBUNL. No extra claim other than granting suitable extension of time of delivery of Sub-Contractor will be entertained in such cases of time extension being granted.
19.	<b><u>CLAIM/ EXTRA WORKS:</u></b>
a)	No claim will be tenable in case there is delay in providing facilities/services/supply by BBUNL.
b)	In case any extra works are to be carried out by the Sub-Contractor as per instructions of Site-In-Charge/BBUNL the rate of the same will be derived:
i)	From the rate of the existing similar items;
ii)	In case no similar items are available in the contract, from existing market cost followed by an overhead and profit of 10%.
iii)	However, BBUNL's decision for the above will be final and binding on the Sub-Contractor in this regard.

**SPECIAL CONDITION OF THE CONTRACT**

20.	<b>IDLE CHARGES:</b> NO IDLE CHARGES for Labour, Plant, Establishment etc. is tenable under this contract for whatsoever the reasons be.
21.	<b><u>SUB-LETTING:</u></b> The Sub-contractor shall not sub-let any part of the job as detailed in the Scope of Work of this tender document. In case it is felt absolutely necessary, the same may be allowed subject to prior written approval from Site-In-Charge/BBUNL.
22.	<b><u>LIQUIDATED DAMAGE:</u></b> Failure to achieve overall completion (Clause No. 4 & 18 of SCC): 0.5% (half) of the order value per week subject to a maximum of 05% (five) of the total order value.
23.	<b><u>ARBITRATION</u></b> In the event of any questions arising out of the Contract or ancillary/incidental to the terms and conditions of it or relate to any matter for execution and/or performance of the contract, the same shall ip-so-facto be referred to the appropriate Authority and the interpretation made by the said authority shall be final and binding upon the parties. Notwithstanding the above, should there be any, disputes or differences by and between the parties arising out of any thing under the contract, the same with in 30 days of it's occurrence shall first be referred to the said authority for conciliation and/or determination by the said authority if at all any disputes or difference is existing , the findings of the said authority should be accepted by parties to the contract, communicated in writing with in the next following 30 days of making reference to it . Nevertheless, the parties at their sole option shall with in the next following 30 days choose to refer or cause the matter to be referred to the Arbitrator of Person in writing, whereupon the appropriate Authority shall with in two weeks hence shall take steps for appointment of Arbitrator of Person from amongst the officers whether or not connected in the matter and the same shall be communicated in writing to the parties making reference with in the

**SPECIAL CONDITION OF THE CONTRACT**

23.	next following two weeks and the same shall be final and binding upon the parties. The Arbitrator shall enter into the reference by appropriate notice of communication to be served or cause the said notice to be served upon the parties summoning the respective parties to attend the proceedings at the date time and venue. The proceedings of Arbitration shall be at per with the Arbitration and Conciliation Act 1996 as amended up to date and jurisdiction of the matter shall be with in the appropriate Courts of Kolkata. Acceptance of Order/ LOI of the concerned agency shall be deemed to be the Free Consent given by party under the law towards execution of these covenants under the Contract of Arbitration.
24.	<b><u>RISK PURCHASE</u></b> <b><u>TERMINATION OF CONTRACT</u></b> a) If the Sub-Contractor persistently disregard the instructions of BBUNL/ Pascim Medinipur Zila Parishad or whatever any of the providers of the contract and fails to adhere to the agreed programme by a margin of 10% (Ten) of the stipulated period or failed to deploy competent or additional staff and labourers as required by BBUNL for project crashing, BBUNL shall be at liberty terminate the contract in full or part as would be applicable by issuing first seven days and then 48 hours notice.  b) In case of failure to complete the work as per requirement and within the stipulated completion period, BBUNL reserves the right to cancel the order, either in part or full as the situation demands and get the work done by deploying other agency / agencies. Additional cost if incurred shall be recovered from the Sub-Contractor's bill and Security Deposit.
25.	<b><u>JURISDICTION OF COURT</u></b> The Courts at Kolkata shall have the exclusive jurisdiction to try all disputes, if any, arising out of this agreement between the parties.
26.	<b><u>GENERAL</u></b> In case certain clauses of SCC and GCC are found identical, the clause of SCC will prevail. However, if during the course of execution of job some development occurs and areas not covered elsewhere, the RELEVANT CLAUSES OF G.C.C will be applicable.

**LIST OF DEVIATIONS**

SL. NO.	BBUNL NIT TENDER CLAUSE NO.	BIDDER'S DEVIATED CONDITIONS
(1)	(2)	(3)
1.		
2.		
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**NOTE:** IN CASE OF NO DEVIATIONS FROM BBUNL TENDER CONDITIONS, THE TENDERER MUST STRIKE OUT THE COLUMN (3) ABOVE & WRITE NIL DEVIATION;

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**ANNEXURE-II**

**FORMAT**

**CERTIFICATE**

**(ON COMPANY LETTER HEAD)**

REF.:

DATE:

SUB: CONSTRUCTION OF MARKETING HUB UNDER MEDINIPUR SADAR PANCHAYAT SAMITY OF PASCHIM MEDINIPUR DISTRICT, WEST BENGAL.

REF.: BBUNL WORK ORDER NO. NIT/DGM(P-V)/AN/CIVIL WORK/MKTG HUB KGP/679 DATED 28.09.15

This is to certify that we have complied with all the Statutory Obligation for our workmen engaged for the subject work which includes payment of Minimum Wages, P.F. & E.S.I. contribution and other benefits as per prevailing Labour Laws and other Statutes/Rules in the State of West Bengal.

We hereby indemnify our employer M/s. The Bharat Bhari Udyog Nigam Limited regarding compliance of all Statutory requirement of Labour Laws as stated above. M/s. The Bharat Bhari Udyog Nigam Limited will have no responsibility in this regard.

(Authorized Signatory)

Signature with Office Seal

**CHECK LIST**

**ANNEXURE-III**

PAGE-1

SL. NO.	DESCRIPTION	REMARKS	DOCUMENTS ATTACHED BY THE BIDDER
1.	<b>TECHNO-COMMERCAIL BID</b>		
a)	The Tender shall be signed by the person legally authorized to enter into commitment on behalf of the Tenderer.	A Letter in this effect to be submitted by the bidder.	
b)	Cost of Tender Document	Original D.D./ Pay order or Photo-copy of BBUNL's Money receipt to be attached.	
c)	The Original / Downloaded Tender document issued to the bidders (Excluding BILL OF QANTITY-BOQ) duly signed and sealed in each page.	All the documents to be signed and sealed with company' seal.	
d)	Documents in support of ELIGIBILITY CRITERIA as mentioned in Clause No.3 above.	All the documents to be signed and sealed with company' seal.	
e)	Copy of PAN number and VAT registration number should be furnished along with the Techno-commercial bid.	All the documents to be signed and sealed with company' seal.	
f)	Copy of P.F/ESI registration certificate.	All the documents to be signed and sealed with company' seal.	
g)	Company's audited Balance Sheet for last 3 (three) years.	Last three years audited balance sheet to be attached.	

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**CHECK LIST**

**ANNEXURE-III**

**PAGE-2**

h)	Earnest Money Deposit (EMD) of Rs.2,50,000/= (Rupees two lakh fifty thousand only), in the form of pay order/ demand draft drawn in favour of "The Braithwaite Burn and Jessop Construction Co. Ltd." and payable at Kolkata.	Original E.M.D. to be attached.	
i)	LIST OF DEVIATIONS duly filled as per BBUNL format.	To be submitted as per BBUNL format duly signed & sealed.	
2.	<b>PRICE BID</b>		
a)	Properly filled up BILL OF QUANTITY (BOQ) issued to the bidders in the tender document duly sealed and signed	Original BOQ duly signed and sealed	



Bharat Bhari Udyog Nigam Limited  
( A Govt. of India Enterprise )

By order of the Govt., The Braithwaite Burn and Jessop Construction Co. Ltd. (A Govt of India Undertaking)  
stands amalgamated with Bharat Bhari Udyog Nigam Limited (A Govt of India Enterprise) w.e.f. 10.07.2015.  
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# PRICE PART

Bharat Bhari Udyog Nigam Limited  
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**By order of the Govt., The Braithwaite Burn and Jessop Construction Co. Ltd. (A Govt of India Undertaking) stands amalgamated with Bharat Bhari Udyog Nigam Limited (A Govt of India Enterprise) w.e.f. 10.07.2015.**  
NIT/DGM(P-V)/AN/CIVIL WORK/MKTG HUB KGP/679 DATE:-28.09.15

**BILL OF QUANTITIES**

Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
01	Earthwork in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite/sandstone) including removing, spreading or stacking the spoils within a lead of 75M as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. a) Depth of excavation not exceeding 1500mm	453.00	CUM			
02	Earth work in filling in foundation trenches with good earth in layers not exceeding 150mm in thickness including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work) a) With earth obtained from excavation of foundation.	229.00	CUM			
03	Filling in foundation or plinth by silver sand in layers not exceeding 150mm as directed and consolidating the same by thorough saturation with water ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity)	219.00	CUM			
04	Pre-constructional Anti-termite measures (c) Anti-termite treatment to the top surface of the consolidated earth within plinth walls with chemical emulsion by admixing chloropyrefos emulsifiable concentrates (1% concentration) with water by weight @ 5 litres / sq.m of the	557.00	SQM			

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	surface before sand bed or sub-grade is laid. Holes upto 50mm to 75mm deep at 150mm centre to centre both ways shall be made with 12mm diameter mild steel rod on the surface to facilitate saturation of the soil with the chemical emulsion. The work shall be carried out as per specification described in 6.4 of code IS-6313 (Part-II) 1981. (Mode of measurement will be per sq.m of plan area of plinth treated).					
05	Post-construction Anti-termite measures (a) Anti-termite treatment to the outside of foundation with chemical emulsion by admixing chloropyrefos emulsifiable concentrates (1% concentration) with water by weight including cutting shallow channel by excavating soil along and close to the wall face ensuring uniform dispersal of the chemical emulsion to a depth of 300mm from the ground level by rodding with 12mm dia. MS rod at 150mm interval in the channel. 1.75 litres of chemical emulsion per metre length shall be used and a balance quantity of 0.5 litres of the chemical emulsion per running metre shall then be used to treat the backfill earth by directing the spray of the emulsion towards the wall surface. The entire work is to be carried out as per specification laid down in para 4.3.1.1 of code IS-6313 (Part-III)-1981.	113.00	MTR.			

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06	Removal of rubbish, surplus earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipal / Corporation rules for such disposal, loading into truck and cleaning the site in all respect as per direction of the E-I-C.	224.00	CUM			
07	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand.	557.00	SQM			
08	(I) Cement concrete with graded stone ballast (40 mm size excluding shuttering) In Ground Floor (A) Pakur variety (a) 1: 3: 6 proportion	86.000	CUM			
09	Controlled Cement Concrete with well graded stone chips (20mm nominal size) excluding shuttering and reinforcement, with complete design of concrete as per IS - 456 and relevant special publication submission of job mix formula after preliminary mix design after testing of concrete cubes as per direction of Engineer-in-charge. Consumption of cement will not be less than 300 kg of cement with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on the basis of preliminary test and job mix formula. [using concrete mixture] a) M-25 Grade i) Pakur variety a) Foundation and Plinth	209.000	CUM			

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				In Figure	In Words	
10	b) Superstructure i) Ground floor	160.000	CUM			
11	ii) First Floor	160.000	CUM			
12	iii) roof	16.000	CUM			
13	Hire & labour charges for shuttering with centering and necessary staging upto 4M using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels, curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 mm to 12 mm thick approved quality ply board shuttering in any concrete work i) Foundation and Plinth	758.000	Sqm			
14	ii) Superstructure i) Ground floor	1382.000	Sqm			
15	ii) First Floor	1377.000	Sqm			
16	iii) roof	151.000	Sqm			
17	Reinforcement for reinforced concrete work in the all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection complete as per drawing and direction. a) Tor Steel / Mild Steel i) For works in Foundation i) Ground floor	37.000	MT.			
18	ii) First Floor	16.000	MT.			
19	iii) roof	2.000	MT.			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
20	Brick work with 1st class bricks in cement mortar (1:6) a) Foundation and plinth	136.000	Cum			
21	b) Superstructure i) Ground floor	49.000	Cum			
22	ii) First Floor	49.000	Cum			
23	iii) Second floor	20.000	Cum			
24	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) including cost of HB wire netting in every third layer. a) Ground floor	650.000	Sqm			
25	b) First Floor	658.000	Sqm			
26	c) second floor Parapet wall	72.000	Sqm			
27	75 mm. thick brick work with 1st. Class bricks set in cement, sand mortar (1:3) in ground floor including H.B. netting in every alternate layers. (a) In Ground floor.	182.000	Sqm			
28	(b) In First floor.	182.000	Sqm			
29	25mm thick damp proof course with cement concrete with stone chips (1:1.5:3) [with graded stone aggregate 10mm nominal size] and admixture of water proofing compound as per manufacturer's specification followed by two coats of polymer based paint (1st coat after 4 to 5 days of concrete laying and 2nd coat just before brick masonry work) as directed (cost of water proofing compound & polymer based paint to be paid seperately). (Chequering not required over concrete or painted surface).	41.000	Sqm			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
30	Supplying and laying polythene sheet (150gm/sq.m) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches	548.000	Sqm			
31	18 mm to 22 mm thick, kota stone slab set in 20 mm thick(avg) cement mortar (1:4) in floor, stair & lobby including pointing in cement slurry with admixture of pigment matching the stone shade, including grinding & polishing as per direction of Engineer-in-charge to match with the existing work.[ Slurry for bedding @ 4.4 kg/Sq.m and pointing @ 2.0 kg/Sq.m]	1350.000	Sqm			
32	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4nos. of key stones (10 mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc. (A) Floor With Sand Cement Mortar (1:4) 20 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 kg/Sq.m & joint filling using white cement slurry @ 0.20 kg/Sq.m. (a) Area of each tile upto 0.09 Sq.m (ii) Other than coloured decorative including white	36.000	Sqm			

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				In Figure	In Words	
33	(B) Wall With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 kg/Sq.m & joint filling using white cement slurry @ 0.20 kg/Sq.m. (a) Area of each tile upto 0.09 Sq.m (ii) Other than coloured decorative including white	83.000	Sqm			
34	Supplying and laying true to line and level 20 mm / 25 mm. thick precast roof tiles made of cement conc. with stone chips as per approved strength and density set in 25mm avg. thick cement mortar(1:3) and filling up joint (3 mm wide) with cement sand mortar (1:1) applying cement slurry @ 1.75 kg per Sq.m back of tiles and then setting close the precast tiles, finishing up the joints with slurry already laid and finally finishing the top surface including providing 150 mm. high skirting with the same tiles flushed with the inside surface of parapet wall,finishing the mouth of rain water pipes, curving etc. as necessary complete as per direction of the Engineer-in-charge. (Levelling if necessary may be paid separately) (a) For 20 mm. thick precast tiles (cement 14.6 kg/sq.m underlayer)	627.000	Sqm			
35	M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S., W.I. Flats and bars of windows, railing etc. fitted and fixed	8.100	Qntl.			



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35	with necessary screws and lugs in ground floor. i) Grill weighing above 10 kg/sq.m and upto 16 kg/sq.m a) Ground floor					
36	b) First Floor	9.000	Qntl.			
37	b) Second Floor	0.600	Qntl.			
38	Supplying, fitting and fixing windows and ventilators with or without integrated grills conforming to IS: 1038-1975 and manufactured from rolled steel sections conforming to IS: 7452-1974 with non-friction projecting type, box type hinges, glazing clips, lugs, locking bracket, handle plate etc. including hoisting in position, straightening if required, fixing lugs in cement concrete (1:2:4) with stone chips 20mm down cutting holes and mending good damages to match with existing surface complete in all respect excluding glazing. In Ground floor (a) Openable steel windows as per IS sizes with side hung shutters and horizontal glazing bars with/without fixed type ventilators.	88.000	Sqm			
39	(i) Two point nose steel handle including fitting and fixing.	88.000	Each			
40	(ii) Steel peg stay 300mm long including fitting and fixing.	88.000	Each			
41	Collapsible gate with 40 mm X 40 mm X 6 mm Tee as top and bottom guide rail, 20 mm X 10 mm X 2mm vertical channels 100 mm apart in fully stretched position. 20 mm X 5 mm MS flats as collapsible bracings properly rivetted and washered including	14.000	Sqm			

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41	38 mm steel rollers including locking arrangements, fitted and fixed in position with lugs set in cement concrete and including cutting necessary holes, chasing etc. in walls, floors etc. and making good damages complete. In Ground floor					
42	Supplying, fitting and fixing steel rolling shutter profile type with 18 B.G. of approved type, steel latch section 75 mm. wide, fitted with coilwasp spring to necessitate the fitting of required no. of C.I.pulleys on heavy type solid drawn seamless steel tube complete with locking arrangements both inside and outside specially built up side guide channels including providing a hood for the steel rolling shutter in the room, painting two coats of approved aluminium paint over a coat of red lead primer complete.	537.000	Sqm			
43	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, iron butt hinges and M.S. clamps. (d) Sal: Local	0.250	Cum			
44	M.S. clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1) fitted and fixed complete as per direction (c) 40mm x 6mm, 125mm length	60.000	Each			
45	Supplying Brass floor door stopper including fitting and fixing complete.	2.000	Each			

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				In Figure	In Words	
46	Anodised aluminium barrel / tower / socket bolt (full covered) of approved quality manufactured from extruded section conforming to I.S.204/74 fitted and fixed with cadmium plated screws. (ix) 300mm long x 10mm dia. Bolt	10.000	Each			
47	Anodised aluminium Aldrop / Sliding bolts of approved quality manufactured from extruded section conforming to I.S.specification (I.S.2681/66) fitted and fixed complete  (iii) 300mm x 16mm dia bolt	4.000	Each			
48	Anodised aluminium butt hinges of approved quality manufactured from extruded section conforming to I.S.specification (I.S.205/66) and fitted and fixed with cadmium plated screws  (iv) 100mm x 63mm x 3.2mm.	30.000	Each			
49	Anodised aluminium D-type handle of approved quality manufactured from extruded section conforming to IS. specification (I.S.230/72) fitted & fixed with complete (a) With continuous plate base hexagonal/round rod (vii) 150mm grip x 12mm.dia rod	28.000	Each			
50	(b) Supplying 'Godrej' mortice lock chromium plated with keys 6 levers including fitting & fixing complete.	2.000	Each			
51	i) Hydraulic door closer of approved quality as per I.S.I standard fitted and fixed complete.  (a) Heavy type ( I.S.I. size 3)	2.000	Each			

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				In Figure	In Words	
52	Providing, fitting & fixing glass vision panel made of 2 nos.3 mm thick clear float glass of approved quality including making provision on door shutter and fixed in position with wooden mould bead of size 12mm X 12mm including cost of all materials and labour. a) 300 mm X 150 mm	4.000	Each			
53	Supplying solid flush type doors of commercial quality, the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 37.5mm wide battens placed both ways in order to make the door of solid core and internal lipping with Garjan or similar wood veneers using phenol formaldehyde as glue etc. complete including fitting, fixing shutters in position but excluding the cost of hinges and other fittings in ground floor.  (a) 35mm thick shutters (single leaf)	11.000	Sqm			
54	Supplying fitting and fixing in position approved P.V.C. door frame (Matt finish) made of extruded P.V.C. multichamber hollow section having dimensions 60mm x 50mm x 2mm (+/-0.2mm), horizontal section will be joined with vertical section by galvanised steel screws after inserting two number steel brackets as reinforcement making suitable space for placing hinges, one steel tube 40mm x 20mm x 1.20 mm	20.000	Mtr.			

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54	will be inserted on one full vertical side of the frame (hinge side) as reinforcement, the frame will then be fixed in the opening with the help of P.V.C. expandable fastner/wooden gutties and galvanised steel screws including cost of all materials and labour, hire charges of tools and appliances, carriage of all materials, taxes and all other incidental charges complete.					
55	PVC door shutter - 30mm thick Supplying, fitting and fixing PVC door shutter of approved quality & shade in position, the style & rail of PVC door shutter will be made of rigid PVC multicavity hollow chamber of 59mm x 30mm section with 2.0mm (+-0.2mm) wall thickness. Horizontal & vertical section shall be fixed to each other by self tapping screws and one solid polymeric / M.S. galvanized tubular L-shaped bracket 100mm x 200mm in each corner of the shutter frame for placing hinges. Polymer based multicavity hollow section of 120mm x 30mm with 2.0mm (+-0.2mm) wall thickness will be placed in the middle, reinforced by solid polymer bar of 200mm long at both ends and screws from both sides as lock rail. The section frame will then be fitted in by PVC panels of size 100mm x 25mm with wall thickness 1.2mm (+- 0.2mm) and 2 nos. of 6mm dia bright rod will be inserted horizontally with both side	7.000	Sqm			

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55	check and nut system and stretches where fixing of hinges / hasp bolt / tower bolt / door ring are required to be strong enough to withstand wear and tear. The rate is inclusive of cost of all materials and labour, hire of tools and plants and appliances. Carriage of all materials taxes and all other incidental charges complete. The rate is exclusive of cost of hinges, hasp bolt, tower bolt, door ring etc.)					
56	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary. (b) 20 mm. thick plaster (Internal) i) Ground floor	2592.000	Sqm			
57	ii) First Floor	2596.000	Sqm			
58	iii) roof	81.000	Sqm			
59	(b) 15 mm. thick plaster (External) i) Ground floor	389.000	Sqm			
60	ii) First Floor	364.000	Sqm			
61	iii) roof	284.000	Sqm			
62	(c) 10 mm. thick plaster (Ceiling, etc.) i) Ground floor	616.000	Sqm			
63	ii) First Floor	616.000	Sqm			
64	iii) roof	50.000	Sqm			
65	Neat cement punning about 1.5 mm. thick in wall dado, window, sills, floor, drain, etc.	65.000	Sqm			
66	Applying interior grade acrylic primer of approved quality & brand on plastered or concrete surface old or new	6551.000	Sqm			

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66	surface to receive distemper / acrylic emulsion paint including scraping & preparing the surface thoroughly , complete as per manufacturers specification & as per direction of the EIC. (l) Internal surface (all floors) (b) Two coats (on new work only) (i) water based interior grade acrylic primer. Quantity same as 20 mm thick 1:6 + 10 mm thick 1:4 plaster area					
67	Applying acrylic emulsion paint of approved make and brand on walls and ceiling including sand papering in intermediate course including putty ( to be done under specific instruction of SE) (iii) Two coats. i) Standard quality	6551.000	Sqm			
68	Applying exterior grade acrylic primer of approved quality & brand on plastered or concrete surface old or new surface to receive decorative textured (matt finish) or smooth finished acrylic exterior emulsion paint including scraping & preparing the surface thoroughly , complete as per manufacturers specification & as per direction of the EIC. (iii) Two coats. a) Ground Floor	389.000	Sqm			
69	b) First Floor	364.000	Sqm			
70	c) Second Floor	284.000	Sqm			
71	Protctive & decorative acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of EIC to be applied over acrylic primer	389.000	Sqm			

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71	as required.The rate includes cost of material , labour,scaffolding and all incidental charges but excluding the cost of primer. (iii) Two coats. Normal acrylic emulsion a) Ground Floor					
72	b) First Floor	364.000	Sqm			
73	c) Second Floor (above roof)	284.000	Sqm			
74	a) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	35.000	Sqm			
75	b) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	1010.000	Sqm			
76	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc.on the surface of necessary. (a) On timber or plastered surface: With other than hi-gloss of approved quality (iv) Two coats (with any shade except white)	35.000	Sqm			
77	(b) On steel or other metal surface : With other than hi-gloss of approved quality (iv) Two coats (with any shade except white)	1010.000	Sqm			



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78	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. (in all floors for internal wall & upto 6 m height for external wall) (i) 3 mm thick (weighing 7.4 kg/sq.m)	88.000	Sqm			
79	Supplying, fitting & fixing UPVC pipes A - type and fittings conforming to IS: 13592 -1992 with all necessary clamps nails including making holes in walls, floor etc. and cutting trenches in any soil through masonry concrete structures etc. if necessary and mending good damages including jointing with jointing materials (Spun yarn, valamoid / bitumen / M. seal etc.) complete. A) UPVC Pipes: (l) 160 mm dia.	68.000	Mtr.			
80	B) UPVC Fittings: c) Bend 87.5 degree (iii) 160 mm Dia.	10.000	Each			
81	d) Shoe (iii) 160 mm Dia.	10.000	Each			
82	Supplying profiles of required section made of Aluminium Alloy extrusions conforming to IS:732-1983 and IS:1285-1975; Anodized (with required film thickness and specified colour/natural) matt finished conforming to IS:1868-1983 for fabrication of composite door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer-In-Charge. (Payment will be made on finished length of the work).	14.000	Mtr.			

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NIT/DGM(P-V)/AN/CIVIL WORK/MKTG HUB KGP/679

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
82	(A) In 10-12 Micron thickness Anodizing film l) Natural White (k) Movable door shutter i) Door frame (Top & Sides)					
83	ii) Shutter Top rail	4.000	Mtr.			
84	Bottom rail	4.000	Mtr.			
85	Lock rail	4.000	Mtr.			
86	Door vertical	17.000	Mtr.			
87	Glazing clip	52.000	Mtr.			
88	Labour charge for fabrication and installation of composite door,window,partitions made from anodized extruded alloy aluminium sections for the following units:- (B) Partly glazed partly panelled or fully glazed single leaf aluminium swing door made of extruded and anodized alloy aluminium sections,fabrication including cutting to proper shape and size,drilling and aligning,fitted with heavy duty hydraulic action floor spring placed in the floor with mending damages,with top pin assembly of approve make and brand,fitted with in built locking arrangement, flush bolt,glazing clips and all other necessary fittings,fixtures,adhesives and joineries, cutting glass of approved make to requisite shape and size fitting with dry set neoprene or EPDM gasketing,cutting to requisite shape and size panel board (prelaminated particle block) fixing them with glazing clips as per drawing,specification and direction of Engineer in charge.	14.000	Sqm			

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				In Figure	In Words	
89	Supplying heavy duty hydraulic double action floor spring along with top pin/set of pivots conforming to IS : 6315 or any approved make as per direction of Engineer in Charge.	4.000	Each set			
90	Supplying concealed type heavy duty PVC headed aluminium tower bolt for double leaf doors as per approved make and brand as per direction of Engineer in Charge. (d) 450 mm long	4.000	Each			
91	Supplying maruti lock ( 100 mm )	2.000	Pair			
92	Supplying EPDM gasket of approved make and brand as per direction of Engineer in Charge. iii) Weather gasket/wool pile for door vertical.	205.000	Mtr.			
93	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. v) 6 mm thick clear glass	8.000	Sqm			
94	Supplying, fitting approved type ventilator in position after cutting holes in walls, setting in cement mortar, mending damages to wall and plaster and two coats of paint of approved brand and shade. Payment of mending the damages of wall and plaster and painting to be made separately. a) R.C.C ventilator of 20mm thick (i) Upto 0.10 sq.m area	80.000	Each			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
95	Supplying, fitting and fixing Fan Hook for ceiling with 1 metre long 16mm dia. rod complete including mending damages. Payment for mending damages and repair to be made separately.	115.000	Each			
96	Construction of Plinth protection work around the external periphery of the building comprising earth work in excavation not exceeding 150 mm. in depth, single line brick edging, single brick flat soling, 75mm thick PCC (1:3:6) with graded jhama khoa (30 mm. size) finished smooth with neat cement punning in one operation. The finished top surface shall have a slope of 1 in 20.	61.000	Sqm			
97	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sand stone) including removing spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary. Depth of excavation not exceeding 1.50 M.	600.000	Cum			
98	Earth work in filling in foundation trenches or plinth with good earth in layer not exceeding 150 mm. including watering and ramming etc. layer by layer concrete (payment to be made on the basis of measurement of finished quantity of work). Earth available from Earth work in excavation.	385.000	Cum			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
99	Cement concrete with graded stone balast (40 mm. size) excluding shuttering in ground floor and foundation with proportion (1:3:6) (N.B. variety)	31.000	Cum			
100	Ordinary cement concrete (1:1.5:3) with graded stone chips (20 mm size) excluding shuttering and reinforcement if any in ground floor. (with Pakur Variety)	226.000	Cum			
101	Hire and labour charge for shuttering with centering and necessary staging up to 4 m. using approved stout props and thick hard wood planks of approved thicknes with required bracing for concrete slabs beams columns lintels curved or straight including fitting. Fixing and striking out after completion of works (up to roof of ground floor). 25 mm. to 30 mm. thick wooden shuttering as per decision and direction of Engineer-in-Charge.	1183.000	Sqm			
102	Reinforcement reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of roads initial straightening and removal of loose rust (if necessary) cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 60 gauge black annealed wire at very intersection, complete as per drawing and direction. For works in foundation basement and up to ground floor.	28.000	MT.			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
103	125 mm thick brick work with 1st class bricks in cement mortar (4:1)	297.000	Sqm			
104	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface including throating, nosing and drip course where necessary (ground floor). With 6:1 cement mortar 15 mm. thick plaster. In ground floor.	971.000	Sqm			
105	Applying Exterior grade Acrylic primer of approved quality and brand on plasterd or concrete surface oild or new surface to receive decorative texture or smooth finish acrylic exterior emulsion paint including scraping the same thoroughly (plastered or concrete surface) as per manufacturer's specification. In ground floor. One coat.	971.000	Sqm			
106	Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly (plastered or concrete surface) as per specification. In ground floor. 2 (two) coats.	971.000	Sqm			
107	M.S. round or square bar grating of windows etc. fitted & fixed in holes of windows frame & with intermediate flat bar stiffener (with necessary holes for the grating bars & with the ends turned & fixed to timber frame with necessary screws) complete, as directed.	8.000	Qntl.			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
108	Supplying,fitting and fixing 600 mm (+/- 30 mm) diameter R.B.T (Reinforced Barbed Tape) Concertina fencing on wall top using concertina coils stretched to approx. 6 meters length at site clipped with two nos. of horizontal R.B.T strands which will be tensioned and fixed with the vertical M.S angle iron posts by means of security fasteners (such as 'C' clips, R.B.T clips etc.) (The rate is exclusive of the cost of posts)	218.000	Mtr.			
109	M.S. gate of jali type as per design made of strong M.S. frame work, intermediate stiffeners and round/square bars or angles. M.S. sheet(not less than 14 guage) gussets, cleats etc. including necessary riveting, bolting, welding, locking and hanging arrangements, fitting and fixing complete as per direction of the Engineer-in-charge.	11.000	Qntl.			
110	Earth work in excavation of foundation trenches or drain in all sort (including mixed soil but excluding the laterite or sand stone) including removing Spreading or stacking the spoil withon a lead of 75 m as directed. The item includes necessary a) Depth of excavation not exceeding 1500 mm.	249.000	Cum			
111	Earth work in filling in foundation trenches or plinth with good earth in layer not exceeding 150 mm including watering and ramming etc. layer by layer concrete ( payment to be made on the basis of measurement of finished quantity of work)	59.000	Cum			

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				In Figure	In Words	
112	cement concrete with graed Stone Battast ( 40 mm size ) excluding shuttering in ground floor and founation with propartion (1:3:6)	49.000	Cum			
113	Brick work with 1st class bricks in cement mortar (1:6). (a) In foundation & plinth	105.000	Cum			
114	Plaster (to wall, floor. ceiling etc ) with sand and cement mortar including rounding off or chamfering corners as directed and raking out inculding throating , nasing and drip course scaffolding / staging where necessary Ground floor). [ Excluding cost of chipping over concrete surface] with 1 :4 cement mortar (ii/b) 15 mm thick plaster.ground floor	484.000	Sqm			
115	Neat cement punning about 1.5 mm.thick in wall, dado, window, sills, floor, drain etc. Note: Cement 0.152 cu.m. per 100 sq. m.	484.000	Sqm			
116	Supplying, Fitting & fixing shower of approved brand & make. d) Polythene of approved make i) 15mmx 125mm	2.000	Each			
117	Supply fitting & fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fitting (tseted to 21 Kg per Sq. cm.) vi) 32 mm	3.000	Each			
118	vii) 25 mm	6.000	Each			
119	Supplying, fitting & fixing bib cock or stop cock. b) (ii) Chromium plated Concealed Stop Cock(Equivalent to Code No. 514(A) & Model- Tropical / Sumthing Special of ESSCO or similar brand)	15.000	Each			



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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
120	c) (ii) Chromium plated Bib Cock with wall flange (Equivalent to Code No. 5047 & Model- Florentine of Jaquar or similar brand)	6.000	Each			
121	f) (i) Polythene Bib Cock / Stop Cock (HD) with metal inlet (EMCO / ATLAS or equivalent) (i) 15 mm	6.000	Each			
122	Supplying, fitting & fixing C.I. holder bat clamp including cutting holes in wall etc. & mending good all damages in cement concrete with jhama chips (1:2:4) & cement plaster (1:6) to match & curing complete in all respect. iii) 25 mm	50.000	Each			
123	iv) 32 mm	20.000	Each			
124	(I) Supplying, fitting & fixing PVC pipes of approved make of (medium duty) conforming to ASTM D - 1785 & threaded to match with GI Pipes as per IS : 1239 (Part - I). With all necessary accessories, specials viz. socket, reducing tee, short piece etc. fitted with holder batsclamps, including cutting pipes, maining threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials & two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately) PVC Pipes (Dia) 25 mm	50.000	Mtr.			
125	PVC Pipes (Dia) 32 mm	40.000	Mtr.			
126	Concealed Work 15 mm	80.000	Mtr.			
127	Concealed Work 20 mm	30.000	Mtr.			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
128	(II) Supplying, fitting & fixing PVC pipes for underground work of approved make of (medium duty) conforming to ASTM D - 1785 & threaded to match with GI Pipes as per IS : 1239 (Part - I). With all necessary accessories, specials viz. socket, bend, tee, union, coss, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted including cost of all materials, jointing materials, cutting pipes, making thread, cutting trenches upto 1.5 metre below surface in all sorts of soil & refilling the same directed complete in all respect. (Payment will be made on the centre line measurements of the total pipe line including all specials. No separate payment will be made for accessories, specials) PVC Pipes (Dia) 32 mm	25.000	Mtr.			
129	PVC Pipes (Dia) 40 mm	20.000	Mtr.			
130	PVC Pipes (Dia) 50 mm	20.000	Mtr.			
131	Supply , Fitting & Fixing of complete Bottle waste tap i) 32 mm	10.000	Each			
132	Supplying, Fitting, Fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fitting complete, C.I. brackets including two coats of painting to bracket etc.	6.000	Each			
133	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer d) 2000 litre capacity	1.000	Each			
134	h) 5000 litre capacity	1.000	Each			
135	Labour for hosting plastic storage tank. ii) Above 1500 litre upto 5000 litre capacity a) Upto 1st story from GL.	2.000	Each			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
136	b) Extra for each additional floor.	2.000	Each			
137	BASIN & SINKS WITH PARTS Item No. 2 ; Page No. 38 Supplying, fitting & fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75mm x 75mm wooden blocks, C.P. waste fitting of 32 mm dia, one approved quality brass c.p. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages & painting the brackets with two coats of approved paint. ii) 550 mm x 400 mm size	6.000	Each			
138	Item No. 9 ; Page No. 40 Supplying, fitting & fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia. iii) 600 mm long	6.000	Each			
139	iv) 750 mm long	4.000	Each			
140	Item No. 10 ; Page No. 40 Supplying, fitting & fixing approved brand 32 mm dia. P.V.C. waste pipe, with P.V.C. Coupling at one end fitted with necessary clamps. ii) 750 mm long	4.000	Each			
141	Item No. 19 ; Page No. 42 Supplying, fitting & fixing pillar cock approved make  a) (i) CP Pillar Cock - 15 mm (Equivalent to Code No. 507 & Model - Tropical / Something Special of ESSCO or similar brand)	6.000	Each			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
142	SOIL PIPE & FITTINGS  Item No. 23 ; Page No. 66 Supply of UPVC pipes (B type) & fittings conforming to IS-13592-1992(A) Pipes (i) Single socketed 3 Metre Length b) 110 mm	25.000	Mtr.			
143	c) 160 mm	25.000	Mtr.			
144	(iii) Single socketed 1.8 Metre Length b) 110 mm	30.000	Mtr.			
145	(B)Fittings (i) Coupler b) 110 mm	15.000	Each			
146	c) 160 mm	10.000	Each			
147	v) Plain Y b) 110 mm	10.000	Each			
148	ix) Bend 45 degree b) 110 mm	10.000	Each			
149	x) Bend 87.5 Degree b) 110 mm	10.000	Each			
150	xi) Door bend (T.S.) b) 110 mm	10.000	Each			
151	xxi) 110 x110 'P' Trap 75 mm	15.000	Each			
152	Labour for fitting & fixing U.P.V.C. pipes for above ground work including cost of joining materials etc. fitting & fixing all necessary specials, cutting pipes, cutting holes in walls or R.C. floor where necessary & mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost & fitting & fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 meter & refilling the same complete as per direction of Engineer-in-charge. (Payment will be made on centre line measurment of the total pipeline includings specials) A) Above ground (ii) 110 mm dia.	30.000	Mtr.			

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153	B) Under ground (ii) 110 mm dia.	20.000	Mtr.			
154	(iii) 160 mm dia.	20.000	Mtr.			
155	Supplying, fitting & fixing Shallow closet Indian pattern (I.P.W.C.) of approved make in white vitreous chainaware in position (excluding cost of concrete for fixing) (i) 580 mm long	6.000	Each			
156	Supplying, fitting & fixing Flat back urinal (half stall urinal) in white vitreous chainaware of approved make in position with brass screws on 75mm x 75mm x 75mm wooden blocks complete (ii) 465 mm x 355 mm x 265 mm	4.000	Each			
157	Supplying, fitting & fixing 32 mm dia. Flush Pipe of approved make with nexessary fixing materials & clamps complete. ii) Polythene Flush Pipe	6.000	Each			
158	Supplying, fitting & fixing liquid soap container c) Fibre glass	6.000	Each			
159	Supplying, fitting & fixing soap holder b) Fibre glass	12.000	Each			
160	Supplying, fitting & fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I. specification suppoerted on fibre glass frame of any colour, frame size 550 mm x 400 mm	6.000	Each			
161	Supplying, fitting & fixing towel rail with two brackets. (b) Aluminium iii) 25 mm dia. & 750 mm long	12.000	Each			
162	cement concrete (1:3:6) with stone chips over layer of jhama brick flat soling, 15 mm thick (1:4) cement plaster to inside wall,bottom of the pit, providing necessary invert with cement concrete (1:3:6) with stone chips	12.000	Each			

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162	as per direction, neat cement finishing to entire internal surfaces, top of the pit covered with 100 mm thick R.C.C. slab (1:1.5:3) with stone chips & necessary reinforcement upto 1% & shuttering including 6mm thick cement plastering (1:4) in all external surfaces of the slab & one 560 mm dia R.C.C. mahole cover of approved make supplied, fitted & fixing in the slab with necessary fittings, necessary earthwork in excavation in all sorts of soil, filling sides of the pit with earth & removing spoils after work complete in all respect with all costs of labour & materials. i) With Pakur variety					
163	iii) Extra for each additional depth of 150 mm or part thereof beyond initial 600 mm depth.	6.000	Each			
164	Construction of septic tank of different capacities as per approved drawing with 1st. class brick work in cement mortar (1:4) including two 560 mm dia. R.C.C. mahole cover (heavy type) of approved make supplied, fitted & fixed in the 100 mm thick R.C.C. (1:1.5:3) top slab with necessary fittings, 20 mm thick cement plaster (1:4) with neat cement finish to the internal surface & 15 mm thick plaster (1:4) to outside wall upto 200 mm below G.L. floor finished with 25 mm thick grey artificial stone over 100 mm thick R.C.C. (1:1.5:3) bottom slab including supplying, fitting & fixing all necessary specials, fittings, S.W. tees, C.I. foots rest etc. including excavation earth in all sorts of soil, shoring, bailing out & pumping out water as	1.000	Each			

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164	necessary, raming, dressing the bed & refilling the sides of the tanks with earth, removing spoils, filling up the chamber with clear water, removing foregin materials from the chamber & including constucting attached inspection pit as per approved drawing & connecting all necessary pipes, joints etc. with internal plaster work & artificial stone flooring is to be done with admixture of water proofing compound @ 0.5% by weight of cement with all costs of labour & materials. iv) For 50 users A) With Pakur variety					
165	Construction of circular soak well 2.5 metre deep in all types of sandy soils with dry brick work upto 1.6 metre from the bottom having 150 mm intermediate cement brick work (1:4) band all round & cement brick work (1:4) upto 0.90 metre from the top with 20 mm thick cement plastering (1:4) to inside face upto the depth of cement brick work, 15 mm thick cement plater (1:4) on outer face from tp of the well upto G.L. & 6 mm thick cement plastering (1:4) on top of the R.C.C. cover slab including filling bottom 1.00 metre of inside of well with brick metal (50 mm to 63 mm size) stone chips with necessary reinforcement & shuttering including one 560 mm dia R.C.C. manhole cover (heavy type) of approved making supplied, fitting & fixed in cover slab with necessary fittings, making necessary arrangements for pipe conections, excavation of well including	1.000	Each			

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				In Figure	In Words	
166	Supplying, fitting & fixing in position R.C.C. Mahole/ pit cover of approved make with rim of approved make (Heavy type) (ii) 560 mm dia.	16.000	Each			
167	Supplying, fitting and fixing with cement jointing (3:1) salt glazed stonewared pipe including excavation of earth upto 1.50 metre depth in all sorts of soil both mixed or unmixed and refilling (but excluding concreting at bottom and sides.) (ii) 225 mm	60.000	Mtr.			
168	Cement Concrete with graded jhama khoa (30 mm. size) excluding shuttering in 6:3:1 proportion at bottom and sides of trenches for laying salt glazed stoneware pipes.	12.000	Cum			
169	Labour for boring through any type of soil for sinking tube well of required dia with top enlargement by Rig boring system [either by reserve circulation or direct rotary method] including hire charges and labour for rig machine and tools and plants, stag i) First 50 Mtr.	50.000	Mtr.			
170	ii) Next 50 Mtr.	50.000	Mtr.			
171	iii) Next 50 Mtr.	50.000	Mtr.			
172	Supplying, fitting and fixing G.I. Cap at Top i) 150 mm	1.000	Each			
173	Supplying, fitting and fixing 300 mm M.S. Housing Clamp of approved quality.	1.000	Set			
174	Packing the annular space between the out side of the tube well pipes and strainers and the bore with pea size from 2 mm to 5 mm or size approved by the Engineer-in-charge including cost of all materials, labour and equipment complete.	15.000	Cum			



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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
175	Washing and developing tube well with air compressor pump and engine for 8 [eight] hours continuous pumping per day with necessary arrangements for testing the yield in Gallons per hour with 'V' notch including hire and labour charges for all tools and p	3.000	Days			
176	Packing annular space between the out side of the Housing pipe and bore with puddle clay balls of approved size as per direction of the Engineer-in-charge with cost of all materials and labour complete.	1.000	Cum			
177	Labour for making arrangements for showing vertically test including the cost for Hire charges of tools and plants, scaffolding, labour etc all complete.	1.000	No			
178	Collection sample of water for bacteriological chemical test from any depth at any time during execution of work including Hire and labour charges for tools and plants and sterilizing the equipments paying all charges and fees, testing etc complete in al	1.000	No			
179	Geophysical investigation of the aquifer by Electro logging system with tools and plants as necessary including supply of necessary report.	1.000	No			
180	Supplying, fitting and fixing Steel cutter Pics 100 mm dia	1.000	Each			
181	Supplying, fitting and fixing Bell mouth reducing socket 100 mm x 150 mm	1.000	Each			
182	Providing 200 mm centre guide	5.000	Set			
183	Supplying PVC rigid pipe Medium Qulity	50.000	Mtr.			
184	i) 150 mm dia					
184	ii) 100 mm dia	80.000	Mtr.			
185	iii) 50 mm dia	45.000	Mtr.			

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				In Figure	In Words	
186	Supplying highdensity polythine strainer pipe 100 mm dia	20.000	Mtr.			
187	Supplying of submersible pump and motor of KSB 5HP/12 Stage type/CORA 18C/12G+UMAI 100-3.7/22	1.000	Set			
188	Supplying pannel board complete set for KSB Pump 3 Phase 5HP Motor	1.000	Set			
189	3 Core 4.0 Sq mm flat waterproof cable (Finolex)	50.000	Mtr.			
190	Supplying, fitting and fixing G.I pipes of TATA make for underground works with all necessary accessories, specials viz. socket, bend,tee, union,cross,elbo,nipple ,longscrew, reducing socket ,reducing tee,short piece etc. fitted with holder bats clamps,including cutting pipes,making threads,cutting trenches upto 1.5 meter below surface in all sorts of soil and refilling the same as directed with two coats of painting on G.I pipes and specials with bituminous paint complete in all respect. (Payment will be made on the centre line measurement of the total pipe line including all specials,No separate payment will be made for accessories,specials. Payment for painting will be made separately) vi) 50 mm dia medium quality.	100.000	Mtr.			
191	vii) 65 mm dia medium quality.	50.000	Mtr.			
192	viii) 80 mm dia medium quality.	25.000	Mtr.			
193	Supplying,fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg/sq.cm) ii) 80 mm	1.000	Each			

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				In Figure	In Words	
194	iii) 65 mm	2.000	Each			
195	iii) 50 mm	4.000	Each			
196	Earthwork in cutting to form road section in correct profile including removal of spoils not exceeding initial lead of 50m and initial lift of 1.5m. a) In ordinary soil	430.000	Cum			
197	Rolling subgrade by power roller in all sorts of soil to proper camber and grade including watering as per direction and satisfaction of Engineer-in-Charge	760.000	Sqm			
198	Filling in foundation or plinth by fine sand in layers not exceeding 150 mm. as directed and consolidating same by through saturation with water ramming complete including the cost of supply of sand ( payment to be made on measurement of finished quantity	114.000	Cum			
199	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	760.000	Sqm			
200	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (A) Pakur Variety (a) 1 : 1.5 : 3	152.000	Cum			
201	Hire and labour charges for shuttering wih centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs,beams and columns,lintels curved or straight including fitting,fixing and striking out after completion of works (upto roof of ground	128.000	Sqm			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
201	floor) a)25 mm to 30 mm thick woodend shuttering as per decision & direction of Engineer-in-charge					
202	Reinforcement for reinforced concrete work in the all sorts of dtructures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection complete as per drawing and direction.	4.000	MT.			
203	Earth work in filling in compound, tank, low land, ditches etc. with good earth in layers not exceeding 150mm including breaking clods and consolidating the same by ramming and dressing complete. (Payment will be made on profile measurement before and after the work) (iii) With carried earth arranged by the contractor within a radius exceeding 5 km but not exceeding 10 km including cost of carried earth.	4719.970	Cum			
204	Earth work in excavation of foundation treches or drains in all sorts of soil (including mixed soil but excluding laterite or sand stone) including removing spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, leveling, dressing and ramming the bottom. Bailing out water as required complete. Depth of excavation not exceeding 1.500 m.	12.000	Cum			

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				In Figure	In Words	
205	Filling in foundation or plinth by fine sand in layer not exceeding 150 mm.as directed and consolidating the same by through saturation with water ramming complete including the cost of supply of sand. (payment to be made on the basis of measurement of finished quantity of work).	11.000	Cum			
206	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand.	6.000	Sqm			
207	Cement Concrete with Graded stone Balast (40 mm. Size) excluding shuttering (1:3:6).	1.100	Cum			
208	Ordinary cement concrete (mix 1:1.5:3) with gradedn Stone chips (20 mm. nominal size) excluding shuttering, and reinforcement in ground floor as per relevant IS codes.	7.500	Cum			
209	Reinforcement reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of roads initial straightening and removal of loose rust (if necessary) cutting to requisite length, hooking and bending to correct shape, placing in proper position & binding with 16 gauge black annealed wire at every intersection complete as per drawing & diection. a) Tor Steel/ Mild Steel i) Foundation upto plinth & ground floor	1.500	MT.			
210	Hire and labour charge for shuttering with centering and necessary staging up to 4 m. using approved stout props and thick hard wood planks of	81.000	Sqm			

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				In Figure	In Words	
210	approved thickness with required bracing for concrete slabs beams cloumns lintels curved or straight including. a) 25 mm. to 30 mm. thick wooden shuttering as per decision and direction of Engineer-in-Charge. i) Foundation, plinth & ground floor					
211	Brick work with 1st class bricks in cement mortar(1:6) (a) In foundation & plinth	3.000	Cum			
212	(b) In Ground floor up to roof	11.000	Cum			
213	125 thick Brick work with 1st class bricks in cement mortar (1:4) in Ground floor.	29.000	Sqm			
214	25 mm. THK. Damp proof course with stone chips (3:1.5:1) with water proffing compound as per ISI manufacture specification @ 5% of weight of cement.	5.000	Sqm			
215	Supplying, fitting & fixing 1st quality Ceramic Tiles in wall & floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of the tiles including roughning of concrete surface, if necessary or by synthetic adhesive & grout material etc. A) Floor With sand cement mortar (1:4) 20mm thick & 2mm thick cement slurry at back side of tiles using cement @ 2.91 kg/ Sq.m & joint filling using white cement slurry @ 0.20 Kg/ Sq.m a) Area of each tiles upto 0.09 Sq.m i) Coloured decorative	16.000	Sqm			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
216	B) Wall With sand cement mortar (1:3) 15mm thick & 2mm thick cement slurry at back side of tiles using cement @ 2.91 kg/ Sq.m & joint filling using white cement slurry @ 0.20 Kg/ Sq.m a) Area of each tiles upto 0.09 Sq.m i) Coloured decorative	44.000	Sqm			
217	Supplying & laying polythene sheet (150 gm./ Sq.m) over damp prove course or below flooring or roof terracing or in foundation trenches	16.000	Sqm			
218	Supplying, fitting and fixing in position approved PVC door frame (matt finish) made of extruded PVC. multichamber hollow section having dimensions 60mmx50mmx 60mmx53mm and suitably reinforced horizontal section will be joined with vertical section by steel screws after inserting two number steel brackets as reinforcement making suitable for placing hinges, one steel tube 40mm x 20mm x 18 gauge will be inserted on one full vertical side of the frame (hinge side) as reinforcement, the frame will then be fixed in the opening with the help of PVC expendable fastener and steel screws including cost of all materials and labour, hire charge of tools & appliances, carriage of all materials taxes and all other incidental charges complete.	10.000	Mtr.			
219	PVC door shutter - 30mm thick Supplying, fitting and fixing PVC door shutter of approved quality & shade in position, the style & rail of PVC door shutter will be made of rigid	4.000	Sqm			

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				In Figure	In Words	
219	PVC multicavity hollow chamber of 59mm x 30mm section with 2.0mm (+- 0.2mm) wall thickness. Horizontal & vertical section shall be fixed to each other by self tapping screws and one solid polymeric / M.S. galvanized tubular L-shaped bracket 100mm x 200mm in each corner of the shutter frame for placing hinges. Polymer based multicavity hollow section of 120mm x 30mm with 2.0mm (+-0.2mm) wall thickness will be placed in the middle, reinforced by solid polymer bar of 200mm long at both ends and screws from both sides as lock rail. The section frame will then be fitted in by PVC panels of size 100mm x 25mm with wall thickness 1.2mm (+- 0.2mm) and 2 nos. of 6mm dia bright rod will be inserted horizontally with both side check and nut system and stretches where fixing of hinges / hasp bolt / tower bolt / door ring are required to be strong enough to withstand wear and tear. The rate is inclusive of cost of all materials and labour, hire of tools and plants and appliances. Carriage of all materials taxes and all other incidental charges complete. The rate is exclusive of cost of hinges, hasp bolt, tower bolt, door ring etc.)					
220	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface including throating, nosing and drip course i) 20 mm. thick plaster(1:6)	23.000	Sqm			
221	ii) 15 mm. thick plaster (1:4)	62.000	Sqm			
222	iii) 10 mm. thick plaster (1:4)	16.000	Sqm			



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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
223	Supplying fitting and fixing windows and ventilators with or without integrated grills conforming to IS 1038-1975 and manufactured from rolled steel sections conforming to IS 7452-1974 with non-friction projecting type, box type hinges, glazing clips, lugs locking bracket, handle plate etc, including hoisting in position, straitning if required, fixing lugs in cement concrete ( 4:2:1) with stone chips 19 mm down cutting holes and mending good damages to match with existing surface complete in all respect excluding glazing. Ground Floor b) Openable steel windows as per IS sizes with side hunge shutters and horizotal glazing bars, with or outhout fixed type ventolators ( the extra rate admissible for the openable portion only.)	1.500	Sqm			
224	M.S. clamp for fixing door and windows frame made of flat bent bar, end bificald fixed in cement concrete with stone chips (4:2:1) etc all complete. a) 40 mm X 6 mm,250mm	20.000	Each			
225	Anodised aluminium barrel / tower / socket bolt (full covered) of approved quality manufactured from extruded section conforming to I.S.204/74 fitted and fixed with cadmium plated screws. (iv) 150mm long x 10mm dia. Bolt	5.000	Each			
226	Anodised aluminium Aldrop / Sliding bolts of approved quality manufactured from extruded section conforming to I.S.specification (I.S.2681/66) fitted and fixed complete (i) 300mm x 16mm dia bolt	1.000	Each			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
227	Anodised aluminium butt hinges of approved quality manufactured from extruded section conforming to I.S.specification (I.S.205/66) and fitted and fixed with cadmium plated screws : (i) 100mm x 63mm x 3.2mm.	10.000	Each			
228	Anodised aluminium D-type handle of approved quality manufactured from extruded section conforming to IS. specification (I.S.230/72) fitted & fixed with complete (a) With continuous plate base hexagonal/round rod) (i) 150mm grip x 12mm.dia rod	6.000	Each			
229	Colour washing with any shade with stainers, as required including cleaning & smoothing surface thoroughly: i) Internal Surface (all floors) b) Two coats (on new works only) i) Other than yellow, pink	39.000	Sqm			
230	Applying exterior grade acrylic primer of approve quality & brand on plastered or concrete surface old or new surface to receive decorative textured (Matt finisfed) or smooth finished acrylic exterior emulsion paint including scraping & preperaring the surface throughly, complete as per manufacturer's specification & as per direction of the EIC a) One Coat	62.000	Sqm			
231	Applying decorative cement based paint of approved quality after preparing the surface including scraping the same throughly as per manufacturers specification. (Two coat)	62.000	Sqm			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
232	Priming one coat on steel or other metal surface with synthetic oil bound primer of approve quality including smoothing surfaces by sand papering etc.	2.000	Sqm			
233	Painting with best quality synthetic enamel paint of approved make & brand including smoothing surface by sand papering etc. including using of approve putty etc. on this surface if necessary b) On steel or other metal surface With other than Hi-gloss approve quality-iv) Two coats (with any shade except white)	2.000	Sqm			
234	Supplying BEST Indian sheet glass set in putty & fitted & fixed with nails & putty complete in all floors: i) 3mm thick (weighing 7.4 kg/Sq.m)	2.000	Sqm			
235	Earthwork in excavation of foundation trenches or pits in all sorts of soil (including mixed soil but excluding laterite/sandstone) including removing, spreading or stacking the spoils within a lead of 75M as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. a) Depth of excavation not exceeding 1500 MM.	100.000	Cum			
236	b) Depth of excavation for additional depth beyond 1500mm and upto 3000mm but not requiring shoring.	76.000	Cum			

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				In Figure	In Words	
237	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150mm in thickness including watering and ramming etc. layer by layer complete a) With earth obtained from excavation of foundation.	22.000	Cum			
238	Hire and labour charges for shoring work (including necessary close plank walling, framing, Eucalyptus/Jhou bulla piling, strutting etc) complete as per direction of the Engineer-In-Charge for foundation excavation (vertical surface are in contact with supported earth is to be measured.) a) Depth upto 1.5M	52.000	Sqm			
239	b) For additional depth beyond 1.5M and upto 3.0M	40.000	Sqm			
240	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipal / Corporation rules for such disposal, loading into truck and cleaning the site in all respect as per direction of the E-I-C.	154.000	Cum			
241	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand.	67.000	Sqm			
242	Cement concrete with graded stone ballast (40 mm size excluding shuttering) A) Pakur variety a) 1:3:6 proportion	7.000	Cum			
243	Controlled Cement Concrete with well graded stone chips (20mm nominal size) excluding shuttering and reinforcement with complete design of concrete as per IS: 456 and relevant special publications submission	42.000	Cum			

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				In Figure	In Words	
243	of job mix formula after preliminary mix design after testing of concrete cubes as per direction of Engineer-in-charge. Consumption of cement will not be less than 300 kg of cement with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on the basis of preliminary test and job mix formula. [using concrete mixture] a) M-25 Grade i) Pakur variety a) In Foundation and above ground					
244	Hire & labour charges for shuttering with centering and necessary staging upto 4M using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels, curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9mm to 12mm thick approved quality ply board shuttering in any concrete work a) In Foundation and above ground	261.000	Sqm			
245	Extra rate for using water proofing and plasticising admixture @ 0.2% by weight of cement (or at manufacturer's specified rate) for concrete of various grades.	35.000	Kg.			
246	Reinforcement for reinforced concrete work in the all sorts of dtructures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of	5.000	MT.			

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				In Figure	In Words	
246	loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection complete as per drawing and direction. i) For works in Foundation and above ground a) Tor Steel / Mild Steel					
247	Supplying, fitting and fixing cast iron raised rain proof tank cover 500 mm dia.with locking arrangements(weighing not less than 12 kg.)	6.000	Each			
248	Artificial stone in floor, dado, staircase etc. with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marbel dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/ sq. m all complete including all materials and labour. In ground floor; 3 mm thick topping (High polishing grinding on this is not permitted with ordinary cement) Using Grey cement ii) 25 mm. thick	113.000	Sqm			
249	15 mm thick cement plaster (1:4) inside reservoir floor and walls with admixture of necessary waterproofing compound of approved quality.	190.000	Sqm			
250	Neat cement punning about 1.5 mm. thick in wall dado, window, sills, floor, drain, etc. [NOTE: Cement 0.152 cu.m. per 100 sq.m.	190.000	Sqm			

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				In Figure	In Words	
251	Providing and fixing M.S. foot rest 300 mm long made of 20 mm x 20 mm square bar.	100.000	Each			
252	Earth work in excavation of foundation trenches or drains in all sorts of soil ( including mixed soil but excluding laterite or sand stone ), including removing, spreading or stacking the spoils with in a lead of 75 m. as directed and including trimming the side of trenches, leveling, dressing the bottom, bailing out water etc. as required complete.(a) Depth of excavation not exceeding 1500 mm	24.000	Cum			
253	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work) (a) With earth obtained from excavation of foundation. Earthwork in filling with excavated earth.....Volume of excavation	15.000	Cum			
254	Filling in foundation and plinth by fine sand in layers not exceeding 150 mm as directed and consolidating same by through saturation with water ramming complete, including the cost of supply of sand.(Payment to be made on measurement of finished quantity)	9.000	Cum			
255	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	30.000	Sqm			
256	Cement concrete (1:3:6) with graded stone ballast (40 mm. size) excluding shuttering.	3.990	Cum			

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				In Figure	In Words	
257	Ordinary Cement concrete [ Mix 3 : 1.5 : 1 ] with graded stone chips(20 mm.size) excluding shuttering and reinforcement, if any, in ground floor.as per Is Codes a) Pakur Variety a)In foundation and plinth and Ground floor	12.000	Cum			
258	Hire and labour charges for shuttering with centreing and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor) . (When the height of a particular floor is more than 4 m. the equivalent floor ht. shall be taken as 4 m. and extra for works beyond the initial 4 m. ht. shall be allowed under 12(e) for every 4 m. or part thereof.) (a) 25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge.	135.000	Sqm			
259	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups,binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape,placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. (i) Tor steel/Mild steel (a) For works in foundation, basement and upto roof of ground floor / upto 4m.	1.800	MT.			



Bharat Bhari Udyog Nigam Limited  
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NIT/DGM(P-V)/AN/CIVIL WORK/MKTG HUB KGP/679

DATE:-28.09.15

Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
260	Brick work with 1st class bricks in cement mortar (6:1) . a) foundation and plinth	7.050	Cum			
261	Brick work with 1st class bricks in cement mortar (6:1) .In superstructure, Ground Floor	18.000	Cum			
262	40 mm. thick damp proof course with cement concrete (3:1½:1) (with graded stone chips 20 mm normal size) with water proofing compound of approved brand @0.2% weight of cement including cost of materials over two coats of non toxic acrylic polymer modified cementitious waterproofing slurry coat complete (cost of water proofing compound and non toxic paint to be paid seperately) for underground water retaining structures. [ Note:- Water proofing as per item No-60, and non toxic paint as per item 59(b) of Section ( c).	7.050	Sqm			
263	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or rougening of concrete surface, including throating, nosing and drip course where necessary (ground floor) . 10 mm thick plaster(1:4)	18.000	Sqm			
264	15 mm thick plaster(1:4)	165.000	Sqm			
265	20 mm thick plaster(1:6)	75.000	Sqm			
266	Neat cement punning about 1.5 mm. thick in wall, dado, window, sills, floor, drain etc.	33.000	Sqm			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
267	Artificial stone in floor, dado, staircase etc. with cement concrete (4:2:1) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works, using cement @1.75 kg./sq.m. all complete including all materials and labour. 3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement. Using grey cement. (iii) 35 mm. thick In ground floor.	21.000	Sqm			
268	35 mm thick in ground Floor Roof	18.000	Sqm			
269	Extra labour over grey artificial stone for. (i) Chequering	18.000	Sqm			
270	Supplying fitting and fixing windows and ventilators with or without integrated grills conforming to IS 1038-1975 and manufactured from rolled steel sections conforming to IS 7452-1974 with non-friction projecting type, box type hinges, glazing clips, lugs locking bracket, handle plate etc, including hoisting in position, straitning if required, fixing lugs in cement concrete ( 4:2:1) with stone chips 19 mm down cutting holes and mending good damages to match with existing surface complete in all respect excluding glazing. Ground Floor (b) Openable steel windows as per IS sizes with side hunge shutters and horizotal glazing bars, with or outhout fixed type ventolators ( the extra rate admissible for the openable portion only.)	12.000	Sqm			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
271	iv) Two point nose steel handle including fitting and fixing.	18.000	Each			
272	vi) steel peg stay 300 mm long including fitting and fixing.	18.000	Each			
273	Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, Iron butt Hinges and M.S.clamp.	0.075	Cum			
274	Supplying solid flush type doors of commercial quality, the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 37.5mm wide battens places both ways in order to make the door of solid core and internal lipping with Garjan or similar wood veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing shutters in position but excluding the cost of hinges and other fittings in ground floor.	6.000	Sqm			
275	Supplying, fitting and fixing M.S. clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1) fitted and fixed complete as per direction.	18.000	Each			
276	Anodised aluminium barrel/ tower/ socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws. (ix) 300mm long x 10mm dia. bolt.	3.000	Each			
277	Anodised aluminium Aldrop/Sliding bolts of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 2681/66) fitted and fixed complete. (iii) 300mm x 16mm dia. bolt.	3.000	Each			

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Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
278	Anodised aluminium butt hinges of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 205/66) and fitted and fixed with cadmium plated screws.	9.000	Each			
279	Anodised aluminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete. (a) With continuous plate base (hexagonal/round rod)	6.000	Each			
280	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the Engg-in-charge.	135.000	Sqm			
281	Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly (plastered or concrete surface) as per manufacturer's specification.	135.000	Sqm			
282	Colour washing with any shade with Stainers, as required including cleaning and smoothening surface thoroughly (i) Internal surface (all floors) (b) Two coats (on new works only). (i) Other than yellow, pink.	78.000	Sqm			
283	a) Priming one coat on timber, plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	15.000	Sqm			

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DATE:-28.09.15

Sl. No.	Description of work	Nos. or Qty.	Unit	Rate (Rs.)		Amount (Rs.)
				In Figure	In Words	
284	b) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smooth ening surfaces by sand papering etc.	12.000	Sqm			
285	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary . (a) On timber or plastered surface : With super gloss (hi-gloss) - Two coats (with any shade except white)	15.000	Sqm			
286	(b) On steel or other metal surface : With super gloss (hi-gloss) -Two coats (with any shade except white)	12.000	Sqm			
Total estimated cost in Figures:						
Quoted Rate in Words						

**GENERAL CONDITION OF THE CONTRACT**

<b>1.0</b>	<b><u>DEFINATION:</u></b> In the contract, as herein under defined, the following words and expressions shall have the meanings hereby assigned to them, except where the context otherwise requires:-
<b>i)</b>	<b>“OWNER”</b> shall mean the Authority through whom the project is being financed.
<b>ii)</b>	The <b>“ACCEPTING AUTHORITY”</b> shall mean the <b>MANAGING DIRECTOR, BBUNL, 27, R.N. MUKHERJEE ROAD, KOLKATA – 700 001, AS THE CASE MAY BE.</b>
<b>iii)</b>	<b>“OWNER”/“CLIENT”</b> means ZILA PARISHAD OF PASCHIM MEDINIPUR DISTRICT, WEST BENGAL or their authorized representative.
<b>iv)</b>	The <b>“SUB-CONTRACT”</b> shall mean the notice inviting the tender, the tender and acceptance thereof and the formal agreement if any, executed between BBUNL and Sub-Contractor together with the documents referred to therein including these conditions with appendices and any schedule of items, quantities and rates. All these documents taken together shall be deemed to form one contract and shall be complementary to one another.
<b>v)</b>	The <b>“TENDER DOCUMENT”</b> means the form of tender, the applicable schedule and/or additional conditions, the conditions and the specifications and /or drawings as referred to in the tender documents and as may be referred for the execution of works.
<b>vi)</b>	The <b>“Works”</b> shall mean the works to be executed in accordance with the contract or part(s) thereof as the case may be and shall include all extras of additional, altered or substituted works or temporary and urgent works as required for performance of the Sub-Contractor.
<b>vii)</b>	The <b>“SUB-CONTRACTOR”/“AGENCY”</b> shall mean individual or firm or company whether incorporated or not, undertaking the works and shall include legal representatives or such individual or persons composing such firm or unincorporated company, or successors of such firm or company as the case may be and permitted assigns of such individual or firm or company.
<b>viii)</b>	The <b>“SUB-CONTRACT VALUE”</b> shall mean the cost of works shown in the schedule of quantities as will be arrived on the basis of item rate quoted by the tenderers for various items.
<b>ix)</b>	A <b>“DAY”</b> shall mean a day of 24 hours from midnight to midnight irrespective of the number of hours worked in the day.

**GENERAL CONDITION OF THE CONTRACT**

x)	<b>“ENGINEER-IN-CHARGE”</b> or <b>“SITE-IN-CHARGE”</b> shall mean the Engineering Officer appointed by BBUNL or his duly authorized representative who shall direct, supervise and be In-Charge of the works for purposes of this contract.
xi)	<b>“FORCE MAJEURE”</b> shall mean war, invasion, revolution, riots, sabotage, lockouts, strikes, work shutdowns imposed by Government Acts or Legislature or other authorities, act of God, epidemics, fires, earth-quakes, floods, explosions or any other acts or events whatsoever which are beyond the control of the Sub-Contractor and which shall directly or indirectly prevent the execution of work within the time specified in the agreement.
xii)	<b>“SCHEDULE(S)”</b> referred to in these condition shall mean the relevant schedule(s) of work and quantity annexed to the tender papers by BBUNL or the standard schedule of rates prescribed by BBUNL and the amendments thereto issued from time to time.
xiii)	The <b>“SITE”</b> shall mean the lands and/or other places on/under/in or through which the work is to be executed under the contract including any other lands or places provided by BBUNL for the purpose of execution of the contract.
xiv)	<b>“TEMPORARY WORKS”</b> shall mean all the temporary works of every kind required for the execution, completion or maintenance of the work.
xv)	<b>“URGENT WORKS”</b> shall mean any urgent measures which in the opinion of the Engineer-In-Charge, becomes necessary during the progress of the work to obviate any risk of accident or failure or which become necessary for security.
xvi)	A <b>“WEEK”</b> shall mean seven days without regard to the number of hours worked in any day in that week.
xvii)	<b>“APPROVED”</b> and <b>“DIRECTED”</b> means the approval or direction of the Managing Director, BBUNL or the person authorized by him for the particular purpose.
xviii)	The <b>“DATE OF COMPLETION”</b> is the date or dates for completion of the work or any part of the works set out in or ascertained in accordance with the individual work order and the tender documents or any subsequent agreed agreement thereto.

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<b>xix)</b>	<b>“SPECIFICATION”</b> shall mean the specifications for materials of work in the special condition or in drawings. “Drawings” shall mean the maps, drawings, plans and tracings or prints thereof annexed to the contract and shall include any modification of such drawings and further drawings as may be issued by the Engineer-In-Charge from time to time.
<b>xx)</b>	<b>“CONSTRUCTIONAL PLANT”</b> shall mean all appliances or things of whatsoever nature required for the execution, completion or maintenance of the works or temporary works (as hereinbefore defined) but does not include materials or other things intended to form or forming part of the permanent work.
<b>xxi)</b>	<b>“PERIOD OF MAINTENANCE”</b> shall mean the specified period of <b>12 (Twelve) months maintenance from the date of completion of the Works</b> certified by the Engineer-In-Charge.
<b>xxii)</b>	Words importing the singular number shall also include the plural and vice-versa where the context requires.
<b>xxiii)</b>	The headings and marginal headings in these general conditions are solely for the purpose of facilitating reference and shall not be deemed to be part thereof or be taken into consideration in the interpretation or construction thereof or of the contract.
<b>xxiv)</b>	<b>“COST”</b> - The word cost shall be deemed to include all costs related to <b>establishment, labour, material, transport, all taxes duties octroi and levies etc.</b>
<b>2.0</b>	<b><u>EXPERIENCE CRITERIA:</u></b> The tenderer must have adequate past experience of work of any civil Engineering work involving pile work , the documentary evidence of which need to be furnished along with the bid documents.
<b>3.0</b>	<b><u>SUBMISSION OF BID:</u></b> <b>The Tender should be submitted in a two bid system with the following manner :</b>
<b>i)</b>	<b><u>TECHNO-COMMERCIAL BID:</u></b> The techno-commercial bid should be submitted in a sealed envelope duly signed and sealed super-scribing <b>“TECHNO-COMMERCIAL BID”</b> and also name of the job, tender reference and name of the bidder and the following documents to be enclosed:- <ul style="list-style-type: none"><li>• RELEVANT DOCUMENTS CERTIFYING “EXPERIENCE CRITERIA”.</li></ul>



**GENERAL CONDITION OF THE CONTRACT**

i)	<ul style="list-style-type: none"><li>• INCOME TAX CLEARANCE CERTIFICATE.</li><li>• SALES TAX CLEARANCE CERTIFICATE.</li><li>• SOLVENCY CERTIFICATE FROM BANKER TO BE ENCLOSED.</li><li>• DETAILS OF SIMILAR WORK DONE DURING LAST 3 YEARS INDICATING NAME OF CLIENT, DESCRIPTION OF WORK, VALUE OF WORK AND YEAR OF COMPLETION.</li><li>• EARNEST MONEY DEPOSIT.</li><li>• A DETAIL MONTH WISE SCHEDULE OF DEPLOYMENT OF PLANTS, MACHINERIES AND DIFFERENT CATEGORIES OF MANPOWER.</li><li>• A DECLARATION THAT IN CASE THE JOB IS AWARDED, THE SUB-CONTRACTOR WILL EXECUTE THE JOB IN STRICT COMPLIANCE OF THE PROVISIONS OF THIS TENDER AND WITHOUT ANY DEVIATION.</li></ul>
ii)	<p><b><u>PRICE BID:</u></b> The tender document issued to the Tenderer should be submitted duly signed and sealed on all the pages by the Sub-Contractor completed in all respects including properly filled up “<b>BILL OF QUANTITY</b>”. All rates quoted should be in figures as well as words neatly written in proper space. All documents along with “<b>BILL OF QUANTITY</b>” should be enclosed in one envelope super-scribing “<b>PRICE BID</b>” and also the name of the job, tender reference and name of the bidder, duly sealed with sealing wax.</p>
4.0	<p><b>BBUNL reserve the right to accept or reject any tender either wholly or partly or to distribute the work among more than one tenderers without assigning any reason whatsoever.</b></p>
5.0	<p><b><u>EXECUTION OF WORK:</u></b></p>
a)	<p><b><u>SUB-CONTRACTOR’S UNDERSTANDING:</u></b> It is understood and agreed that the Sub-Contractor has by careful examination, satisfied as to the nature and location of the work, the configuration of the ground, the character, quality and quantity of the materials to be encountered, the character of equipment as facilities needed preliminary to and during the execution of the works, the general and local conditions, availability of materials, the labour conditions prevailing therein and all other matters which can in any case affect the work under the contract.</p>

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<b>b)</b>	<b><u>COMMENCEMENT OF WORK:</u></b>
<b>i)</b>	The date of commencement will be considered-the date of issue of LOI/Date of issue of 1 <sup>st</sup> Set of detail drawings/ date of issue of 1 <sup>st</sup> lot of steel whichever is later. If the Sub-Contractor commits default in commencing execution of the work as aforesaid, BBUNL shall, without prejudice to any other right or remedy, be at liberty to forfeit the earnest money absolutely.
<b>ii)</b>	No compensation shall be allowed for any delay caused in the starting of the work on account of any acquisition of land or delay in according sanction to estimates or drawings etc. or issuing drawings.
<b>c)</b>	<b><u>COMPLIANCE TO ENGINEER-IN-CHARGE'S INSTRUCTIONS:</u></b> The Engineer-In-Charge shall direct the order in which the several parts of the works shall executed and the Sub-Contractor shall execute without delay all orders given by the Engineer-In-Charge from time to time but the Sub-Contractor shall not be relieved thereby from responsibility for the due performance of the works in all respects.
<b>d)</b>	<b><u>ALTERATIONS TO BE AUTHORISED:</u></b> No alterations or addition to or omission or abandonment of any part of the works shall be deemed authorised except under instructions from the Engineer and the Sub-Contractor shall be responsible to obtain in writing such instruction in each and every case.
<b>e)</b>	<b><u>EXTRA WORKS:</u></b> Should works over and above those included in the contract require to be executed at the site, the Sub-Contractor shall have no right to be entrusted with the execution of such works which may be carried out by another Sub-Contractor or Sub-Contractors or by any other means at the option of BBUNL.
<b>f)</b>	<b><u>VARIATION IN QUANTITIES:</u></b>
<b>i)</b>	The BBUNL reserves the right to alter the designs and drawings. If due to change in the drawing or design or for other reasons, there be variations, resulting in increase or decrease in quantities, payment will be made only for the actual quantities executed at the ordered rates. If there be sufficient cause, the BBUNL may grant extension of the date of completion suitably. Such circumstance, shall in no way affect or vitiate the contract or alter the character thereof, or entitle the Sub-Contractor to damages or compensation there for except as provided for in this contract.

**GENERAL CONDITION OF THE CONTRACT**

<b>ii)</b>	BBUNL reserves the right to split the total quantity of work as mentioned in the B.O.Q. among 2 (two) or more agencies depending on the situation. The Agency cannot object or be entitled to any claim in the event of reduction in the actual quantity.
<b>iii)</b>	In the event of any reduction in the quantity OR OMISSION OF ANY ITEM IN THE B.O.Q. to be executed for any reasons whatsoever, the Sub-Contractor shall not be entitled to any compensation, but shall be paid only for the actual amount of work done.
<b>iv)</b>	The rate quoted by the bidder will stand unchanged in case of variation (+ or - ) of quantities upto any extent.
<b>v)</b>	The quantities of each item of work furnished in the schedule are approximate and are intended for the guidance of tenderers / Sub-Contractors. In actual execution of work there may be some increase in the quantities specified, such variation shall in no degree effect the validity of the contract and it shall be performed by the Sub-Contractor as provided therein and be subject to the same conditions, stipulations and obligations originally and expressly included and provided for in the specifications and drawings and the amounts to be paid therefore shall be calculated in accordance with the accepted schedule of rates.
<b>g)</b>	<b><u>SEPARATE CONTRACTS IN CONNECTION WITH WORKS:</u></b> The BBUNL shall have the right to let out our contracts in connection with the works. The Sub-Contractor shall afford to the other Sub-Contractors reasonable opportunity of storage of their materials and the execution of their work and shall properly connect and co-ordinate his work with theirs. If any part of the Sub-Contractor's work depends on proper execution or depends upon the work of another Sub-Contractor, the Sub-Contractor shall inspect and promptly report to the Engineer-In-Charge any defects in such work that render it unsuitable for proper execution of his portion of work. The Sub-Contractor's failure to so inspect or so report shall constitute an acceptance of the Sub-Contractor's work. However, for defect/defects, which may develop in the other Sub-Contractor's work after the execution of his work, he will be not responsible.
<b>h)</b>	<b><u>INSTRUCTIONS OF ENGINEER-IN-CHARGE'S REPRESENTATIVE:</u></b> Any instructions or approval given by the Engineer-In-Charge's representative to the Sub-Contractor in connection with the work shall

**GENERAL CONDITION OF THE CONTRACT**

<b>h)</b>	bind the Sub-Contractor as though it had been given by the Engineer-In-Charge provided as follows:-
<b>i)</b>	Failure of the Engineer-In-Charge's representative to disapprove any work or materials shall not prejudice the power of the Engineer-In-Charge, thereafter, to disapprove such work of materials and to order the removal or breaking up thereof.
<b>ii)</b>	If the Sub-Contractor shall be dissatisfied by reasons of any decision of the Engineer-In-Charge's representative, he shall be entitled to refer the matter to the Engineer-In-Charge, he shall thereupon confirm or alter/modify such decisions.
<b>i)</b>	<b><u>ADHERENCE TO SPECIFICATION AND DRAWINGS:</u></b> The whole of the works shall be executed in conformity with the specifications and drawings. If the Sub-Contractor performs any work in a manner contrary to the specifications or drawings or both without obtaining the approval of the Engineer-In-Charge he shall bear all the consequences and costs arising or ensuing therefrom, and shall be responsible for all loss to BBUNL and their client.
<b>j)</b>	<b><u>DRAWINGS AND SPECIFICATION OF THE WORKS:</u></b> The Sub-Contractor shall keep one copy of drawings and specifications at the site, in good order and such other contract documents as may be necessary to the Engineer-In-Charge and or the Engineer-In-Charge's representative.
<b>k)</b>	<b><u>OWNERSHIP OF DRAWINGS AND SPECIFICATIONS:</u></b> All drawings and specifications and copies thereof furnished by BBUNL to the Sub-Contractor are deemed to be the property of BBUNL They shall not be used on other works, and with the exception of the signed contract, shall be returned by the Sub-Contractor to BBUNL on completion of the works or termination of the contract.
<b>l)</b>	<b><u>SHEDS, STORE HOUSES AND YARDS:</u></b> The Sub-Contractor shall on his own expense shall provide himself with sheds, storehouses and yards in such situations and in such numbers as in the opinion of the Engineer-In-Charge is requisite for carrying out the works and the Sub-Contractor shall keep at each of such sheds, storehouses and yards, a sufficient quantity of material and plant in much as not to delay the carrying out of the works with due expedition and the Authorized Representative/Engineer-In-Charge and the

**GENERAL CONDITION OF THE CONTRACT**

l)	Engineer-In-Charge's Representative shall have free access to the said sheds, storehouse and yards at any time for the purpose of inspecting the stock of materials and plant so kept in hand and any materials or plant which the Engineer-In-Charge may object to shall not be brought upon or used in works, but shall be forthwith removed from the sheds, storehouses or yards by the Sub-Contractor. The Sub-Contractor shall at his own expense provide and maintain suitable mortar mills, soaking vats steel treatment bath or any other equipment necessary for the execution of the work.
m)	<b><u>PROVISION OF EFFICIENT AND COMPETENT STAFF:</u></b> The Sub-Contractor shall place and keep on the works at all times efficient and competent staff to give necessary directions to his workmen and to see that they execute their work in sound and proper manner and shall employ only such supervisors, workmen and labours, in or about the execution of any of the works as are careful and skilled in their various trades and callings. The Sub-Contractor shall at once remove from the works any agent, permitted sub-Sub-Contractor, supervisor, workmen or labourer who shall be objected to by the Engineer-In-Charge and if and whenever required by the Engineer-In-Charge he shall submit correct return showing the names of all staff and workmen as necessary for the proper completion of the works within the time prescribed. The Sub-Contractor shall forthwith on receiving intimation to this effect take on the additional number of staff and labour specified by the Engineer-In-Charge within seven days of being so required and failure on the part of the Sub-Contractor to comply with such instruction will entitle the BBUNL to rescind the Sub-Contractor under these conditions.
n)	<b><u>WORKMANSHIP AND TESTING:</u></b> The whole of the work and/or supply of materials specified and provided in the contract or that may be necessary to be done in order to form and complete any part thereof shall be executed in the best and most substantial workman – like manner with materials of the best and most approved quality of their respective kinds agreeable to the particulars contained in or implied by the specifications and as referred to in and represented by the drawings or in such other additional particulars,

**GENERAL CONDITION OF THE CONTRACT**

n)	instructions and drawings as may be found requisite to be given during the carrying out of the works to the entire satisfaction of the Engineer-In-Charge according to the instruction and direction which the Sub-Contractor may from time to time receive from the Engineer-In-Charge. The material may be subjected to test by means of such machines, instruments and appliances as the Engineer-In-Charge may direct and wholly at the expense of the Sub-Contractor.
o)	<b><u>REMOVAL OF IMPROPER WORK AND MATERIALS:</u></b> The Engineer-In-Charge or the Engineer-In-Charge's Representative shall be entitled to order from time to time
i)	the removal from the site within the time specified or any materials which in his opinion are not in accordance with the specifications or drawing.
ii)	the use of proper and suitable substitute materials in place of specified material if the same is not easily available or the substitute material is better and
iii)	the removal and proper re-execution (not withstanding any previous tests thereof or "on account" payments thereof) of any work which in respect of materials or workmanship is not in his opinion in accordance with the specifications
iv)	in case of default on the part of the Sub-Contractor in carrying out such order BBUNL shall be entitled to rescind the contract under these conditions.
p)	<b><u>FACILITIES FOR INSPECTION:</u></b> The Sub-Contractor shall afford the Engineer-In-Charge and the Engineer-IN-Charge's representative and any other authorised representative of owners every facility for entering in and upon every portion of the work at all hours for the purpose of inspection or otherwise and shall provide all labours, materials, planks, ladders, pumps, appliances and things of every kind for the purpose and the Engineer and the representative shall at all times have free access to every part of the works and to all places at which materials for the work are stored or being prepared.
q)	<b><u>EXAMINATION OF WORKS: (BEFORE COVERING UP)</u></b> The Sub-Contractor shall give seven days notice to the Engineer-In-Charge or the Engineer-In-Charge's representative whenever any work or materials are intended to be covered up in the earth, in bodies or walls

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q)	or otherwise to be placed beyond the reach of measurement in order that the work may be inspected or that correct dimensions may be taken before being so covered placed beyond the reach of measurement in default whereof the same shall, at the opinion of the Engineer-In-Charge or the Engineer-In-Charge's representative, be uncovered and measured at the Sub-Contractor's expense or no payment shall be made for such work or materials.
r)	<b><u>TEMPORARY WORKS:</u></b> All temporary works necessary for the project execution of the works shall be provided and maintained by the Sub-Contractor and subject to the consent of the Engineer-In-Charge shall be removed by him at his expense when they are no longer required and in such manner as the Engineer-In-Charge shall direct. In the event of failure on the part of the Sub-Contractor to remove the temporary works, the Engineer-In-Charge will cause them to be removed and the cost as increased by supervision and other incidental charges shall be recovered from the Sub-Contractor. If temporary huts are provided by the Sub-Contractor on the land owned by client for labour engaged by him for the execution of the works, the Sub-Contractor shall arrange for handing over vacant possession of the said land after the work is completed, if the Sub-Contractor's labour refuse to vacate, and have to be erected by client, the expenses incurred by BBUNL in connection therewith shall be borne by the Sub-Contractor. The Sub-Contractor shall, not construct any hutment an the client of Government land without the written approval of the Competent Authority.
s)	<b><u>RATES FOR ITEM OF WORKS:</u></b> The rates entered in the accepted schedule of rates of the contract are intended to provide for works duly and properly completed in accordance with the general and special (if any) conditions of contract and the specification and drawings together with such enlargements, extensions, diminutions, reductions, alterations or additions as may be ordered by the Engineer-In-Charge and as required without prejudice to the cenerality thereof and shall be deemed to include and cover superintendence and labour supply, including full freight of materials of stores, patterns, profiles, moulds, fitting, centerings, scaffoldings,

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s)	shoring props, timber, machinery, derricks, trucks, ropes, pegs, posts, tools and all apparatus and plant required on the works, except such tools, plants or materials as may be specified in the contract to be supplied to the Sub-Contractor by BBUNL, the erections, maintenance and removal of all temporary works and buildings and also the following:-
i)	All watching, lighting, bailing, pumping and draining.
ii)	All prevention of or compensation for trespass.
iii)	All barriers and arrangements for the safety of the public or of employees during the execution of works.
iv)	All sanitary and medical arrangements for labour camps as may be prescribed by the BBUNL the setting of all work and of the construction, repair and upkeep of centre lines, bench marks and level pegs thereon site clearance.
v)	Cost of testing of materials supplied by the Sub-Contractor and provision of testing facilities for the compaction of soil if required.
u)	<b><u>HANDING OVER OF WORKS:</u></b> The Sub-Contractors shall be bound to handover the works executed under the contract to BBUNL or any other authority so authorised by BBUNL complete in all respect to the satisfaction of the Engineer-In-Charge. The Engineer-In-Charge shall determine, from time to time, the date on which the work is considered to have been completed, in support of which his certificate shall be regarded as sufficient evidence for all purposes. The Engineer-In-Charge shall determine from time to time the date on which any particular section of the work shall have been completed, and the Sub-Contractor shall be bound to observe any such determination of the Engineer-In-Charge.
v)	<b><u>CLEARANCE OF SITE ON COMPLETION:</u></b> On the completion of the works the Sub-Contractor shall clear away and remove from the site all construction plants surplus materials rubbish and temporary works of every kind and leave the whole of the site and works clean to the satisfaction of the Engineer-In-Charge. No final payment in settlement of the account of the work shall be made to the Sub-Contractor till that period in addition to any other condition necessary for such final payment, site clearance shall have been effected by him, and such clearance may be made by the Engineer-In-



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v)	Charge at the expense of the Sub-Contractor in the event of his failure to comply with this provision within seven days after receiving notice to that effect. Should it become necessary for the Engineer-In-Charge to have the site cleared at the expense of the Sub-Contractor, then BBUNL shall not be liable for any loss or damage to such of the Sub-Contractor's property as may be on site due to such removal there from, which removal may be effected by means of public sale of such materials and property or in such a way as deemed fit and convenient to the Engineer-In-Charge.
w)	<b>QUANTITIES IN SCHEDULE ANNEXED TO SUB-CONTRACT:</b> The quantities set out in the accepted schedule of rates with items of works quantified are the estimated quantities of the works and they shall not be taken as the actual correct quantities of work to be executed by the Sub-Contractor in fulfillment of his obligation under the Sub-contract. However, BBUNL reserves the right to reduce the quantity and in that event the agency will not have any claim for such reduction.
x)	<b>MEASUREMENT OF WORKS:</b> The Sub-Contractor shall be paid for the works executed in the accepted schedule of rates and according to the terms of payment of the contracts or the measurements taken by the Engineer-In-Charge or Engineer-In-Charge's representative in accordance with the relevant Indian Standard Specification. Code of practice. Such measurement will be taken of the work in progress from time to time and at such intervals as in the opinion of the Engineer-In-Charge shall be proper having regard to the progress of the works. The date and time on which the "On-Account" or final measurement are to be made shall be communicated to the Sub-Contractor who shall be present at the site and shall sign the results of the measurements (which shall also be signed by the Engineer-In-Charge or Engineer-In-Charge's representative) recorded in the official measurement book as an acknowledgement of his acceptance of the accuracy of the measurement. Failing the Sub-Contractor's attendance the work may be measured up in his absence and such measurements shall notwithstanding such absence, be binding upon the Sub-Contractor whether or not he shall have the measurement book.

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y)	<p><b>MAINTENANCE OF WORKS:</b> The Sub-Contractor shall at all times during the progress and continuance of the works and also for the period of maintenance specified in the contract and after the date of passing of the certificate of completion by the Engineer-In-Charge or any other earlier date subsequent to the completion of the work that may be fixed by the Engineer-In-Charge be responsible for and effectually maintain and uphold in good substantial, sound and perfect condition all and every part of the works and shall make good from time to time and at all times as often as the Engineer-In-Charge shall require, any damage or defect that may, during the above period, arise in or be discovered or be in any way connected with the works, and the Sub-Contractor shall be liable for and shall pay and make good to the BBUNL or other persons legally entitled thereto whenever required by the Engineer-In-Charge so to do, all losses, damages, costs and expenses they or any of them may incur or be put or be liable to, by reason or in consequence of the operations of the Sub-Contractor of his failure in any respect.</p>
z)	<p><b>CERTIFICATE OF COMPLETION OF WORK:</b> As soon as in the opinion of the Engineer-In-Charge the works shall have been substantially completed and shall have satisfactorily passed any final test or tests that may be prescribed the Engineer-In-Charge shall issue a certificate of completion in respect of the works and the period of maintenance of the works shall commence from the date of such certificate.</p>
xvii)	<p><b>SUB-CONTRACTOR NOT ABSOLVED BY COMPLETION CERTIFICATE:</b> The certificate of completion with respect of the works referred to in Sub-Clause (i) of this clause shall not absolve the Sub-Contractor from his liability to make good any defects, imperfections, shrinkage of faults which may appear during the period of maintenance arising in the opinion of the Engineer-In-Charge from materials or workmanship not in accordance with the drawings or specifications or construction defects. All such defects need to be amended and made good by the Sub-Contractor at his own cost and in case of default on the part of the Sub-Contractor, the Engineer-In-Charge may employ labour and materials, or appoint another Sub-Contractor to amend and make good such defects, imperfections, shrinkage and faults and all expenses consequent thereon and incidental thereto shall be borne by the Sub-Contractor and shall be recoverable from any money due to him under the contract.</p>

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<b>6.0</b>	<b><u>“ON ACCOUNT” PAYMENT:</u></b> The Sub-Contractor be shall entitled to be paid from time to time by way of “On Account” payments only for such works, as in the opinion of the Engineer-In-Charge, he has executed in terms of the contract. All payments be on the Engineer-In-Charge or the Engineer-In-Charge’s representative’s certificates of measurements shall be subjected to any deductions which may be made under these presents provided always that the Engineer-In-Charge may by any certificate made any correction or modification in any previous certificate which shall never have been be issued by him and that the Engineer-In-Charge may withhold any certificate if the works or any part thereof are not being carried out to his satisfaction.
<b>7.0</b>	<b><u>ROUNDINS OFF AMOUNTS:</u></b> In the case of schedule of rates given in decimal coinage, individual items will not be rounded off, but the total amounts only, on each certificate, shall be rounded off to nearest rupee i.e. sum of less than 50 paise shall be omitted out and sums of 50 paise and more shall be reckoned as one rupee.
<b>8.0</b>	<b><u>ON-ACCOUNT PAYMENTS NOT PREJUDICIAL TO FINAL SETTLEMENT:</u></b> “On Account” payments made to the Sub-Contractor shall be without prejudice to the final making up of the accounts (except where measurements are specifically noted in the measurement book as final measurements and as such have been signed by the Sub-Contractor) and shall in no respect be considered or used as evidence of any facts stated in or to be inferred from such accounts nor of any particular quantity or work having been executed nor of the manner of its execution being satisfactory.
<b>9.0</b>	<b><u>MANNER OF PAYMENT:</u></b> Unless otherwise specified, payment to the Sub-Contractor will be made by cheque.
<b>10.0</b>	<b><u>PAYMENT TO BE MADE BY BBJ.:</u></b> The Sub-Contractor shall on submitting a monthly bill be entitled to receive payment proportionate to the part of the work then approved and passed by the Engineer-In-Charge whose certificate of such approval and passing of the sum so payable shall be final and conclusive against the Sub-Contractor. All such intermediate payments shall be regard as payments by way of advance against the final payments only and not as payments as work actually done and completed and shall not preclude the Engineer-In-Charge from requiring bad, unsound, imperfect or unskillful work to be dismantled and removed from the site and reconstructed, or re-erected as per

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10.0	specifications. No payment shall be considered as an admission of the due performance of the contract or any part thereof in any respect or the occurring of any claim, nor shall it conclude determine or affect in any way the powers of the Engineer-In-Charge as to the final settlement and adjustment of the contract. The final bill shall be submitted by the Sub-Contractor within one month of the date of the completion of work. The certificate of the Engineer-In-Charge of the measurement value of the total amount payable for the work shall be final and binding on all parties.
11.0	<b><u>FINAL PAYMENT:</u></b> On the Engineer-In-Charge's certificate of completion in respect of the works, an adjustment shall be made and the balance of account based on the Engineer-In-Charge or the Engineer-In-Charge's representative's certified measurements of the quantity of work executed by the Sub-Contractor up to the date of completion and on the accepted schedule of rates shall be paid to the Sub-Contractor subject always to any deduction which may be made under agreement and subject to the Sub-Contractor having delivered to the Engineer-In-Charge a full account in detail of all claims he may have or BBUNL in respect of the works or having delivered a "No Claim" certificate and the Engineer-In-Charge having after the receipt of such account given a certificate, in writing that such claims are correct, that the whole of the works to be done under the provisions of the contract have been completed, that they have been inspected by him since their completion and bound to be in good and substantial order, that all properties and the things removed, the work, have been properly replaced and made good all expenses and demands incurred by or made upon or in the respect of damage or loss by, from or in consequence of the woks, have been satisfied agreeably and in conformity with the contract.
12.0	<b><u>TAXES, DUTIES AND OCTROI ETC.</u></b> The Sub-Contractor agreed to and hereby accept full and exclusive liability for the payment of any and all taxes, duties, octroi etc., now or hereafter imposed, increased, or modified, and all the sales tax, from time to time in respect of works and materials and all contributions and taxes for employment compensation, insurance and also age pension or annuities now or thereafter imposed on Central or State Government authorities which are imposed with respect to or covered by the wages/salaries or other compensations paid to the persons employed by the Sub-Contractor and the Sub-Contractor shall be responsible for the

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12.0	compliance with all obligations and restrictions imposed by the labour law or any other law effecting employer-employee relationship and the Sub-Contractor further agreed to comply, and to secure the compliance of all Sub-Sub-Contractor with all applicable Central, State, Municipal or local laws and regulations and requirements of any Central, State or Local Government agency or authority. Sub-Contractor further agreed to defend, indemnify and hold owner harmless from any liability or penalty which may be imposed by the Central, State or local authorities by reason of any violation or requirements and also from all claim suit of proceeding that may be brought against the owner arising under, growing out of or by reason of the work provided for by this Contract, by third parties, or Central or State Government authority or any other Sub-division thereof.
13.0	<b>DETDUCTION OF INCOME TAX, SALES TAX AND ANY OTHER TAXES AND DUTIES OCTROI ETC.:</b> All Statutory Taxes and Duties will be deducted at source from Sub-Contractor's on- account bills. Further the Sub-Contractor will be liable to pay themselves any taxes and duties to the respective authorities if payable by the Sub-Contractor over and above the amount deducted at source. Necessary papers indicating the deduction made at source will be given to the Sub-Contractor on request.
14.0	<b><u>COMPLIANCE OF LABOUR LAWS:</u></b> The Sub-Contractor shall comply with the following Labour Laws during the execution of the contract:
a)	<b>MINIMUM WAGES ACT, 1948</b> Sub-Contractors are required to pay minimum wages as per Central Government Notification/State Government Notification whichever is higher at the time of payment of wages. Representative of Principal Employer and recording his signature on the wages register is required.
b)	<b>PAYMENT OF WAGES ACT, 1976</b>
c)	<b>E.S.I. Act, 1948</b>
d)	Compliance of <b>BOCW Act</b> in case 50 or more workers are engaged by the Sub-contractor.
c)	<b>CONTRACT LABOUR (REGULATION AND ABOLITION) ACT, 1970</b> Sub-Contractor shall comply with the provision of the Contract Labour (Regulation and Abolition) Act, 1970 and the Sub-Contractor Labour (Regulation and Abolition) Act, 1971 as modified from time to time wherever applicable and shall also indemnify BBUNL from and against only claim under the aforesaid Act and Rule.

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d)	<b>WORKMEN'S COMPENSATION ACT, 1923</b>
e)	<b>INDUSTRIAL DISPUTE ACT, 1947 AND AS AMENDED FROM TIME TO TIME.</b>
f)	<b>EMPLOYEES PROVIDENT FUND ACT, 1971</b>
15.0	<b><u>COMPLIANCE TO RULES FOR EMPLOYMENT OF LABOUR</u></b> The Sub-Contractor shall conform to all laws, by laws, rules and regulations, for the time being in force pertaining to the employment of local or imported labour and shall take all necessary precautions to ensure and preserve the health and safety of all staff employed directly or through the petty Sub-Contractors or sub-Sub-Contractors on the works.
a)	<b><u>PERTAINING TO LICENCE</u></b> A copy of Labour Licence to be displayed by the Sub-Contractor at the Site.
b)	<b><u>PERTAINING TO NOTICE</u></b> Notice pertaining to the following are required to be displayed at the work site in English/Hindi or local language viz. (a) Rates of wages (b) Hours of work (c) Wage period (d) Date of payment (e) Name and Address of the Inspector (f) Date of payment of wages and date of unpaid wages (g) Place and time of disbursement of wages (h) An abstract of the Act & Rules of C.L. (R&A) Act, (i) Intimation about the commencement/completion (j) weekly holiday and rest day (k) Hours of week.
c)	<b><u>PERTAINING TO REGISTERS</u></b> The following Registers are to be maintained at the works at :- <ul style="list-style-type: none"><li>• Register of persons employed in Form XII.</li><li>• Employment Card in Form XIV to be issued to each worker.</li><li>• Master Roll In Form XVI.</li><li>• Register of wages in Form XVII.</li><li>• Register of Fines in Form XXI.</li><li>• Register of Advance in Form XXII.</li><li>• Register of Overtime in Form XXIII.</li><li>• Wages Slip in Form XIX is to be issued to each worker.</li></ul>
d)	<b><u>PERTAINING TO RETURNS</u></b> Half-Yearly Return ending on 30 <sup>th</sup> June and Annual Return ending on 31 <sup>st</sup> December to be submitted to Licensing Officer within 30 days of the completion of half annual ending.

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<b>16.0</b>	<b><u>LABOUR CAMP:</u></b> The Sub-Contractor shall at his own expense make adequate arrangements for the housing, supply of drinking water and provisions of latrines and urinals for his staff and workmen, directly or through the petty agencies employed on the work and for temporary creche (Bal Mandar) where 50 or more women are employed at a time. All camp sites shall be maintained in clean sanitary conditions by the Sub-Contractor at his own cost.
<b>17.0</b>	<b><u>WATER SUPPLY:</u></b> The Sub-Contractor shall arrange at his own cost water both for drinking purpose and for the purpose of execution of work.
<b>18.0</b>	<b><u>ELECTRICITY:</u></b> Any electrical supply required at site for whatsoever purpose shall be arrange by the Sub-Contractor at his own cost. If electricity cannot be arranged, the Sub-Contractor shall maintain generator set of suitable capacity for each purpose of uninterrupted progress of work.
<b>19.0</b>	<b><u>SANITARY ARRANGEMENTS</u></b> The Sub-Contractor shall obey all sanitary rules and carry out all sanitary measures that may form from time to time be prescribed by the concerned Medical Authority and permit inspection of all sanitary arrangements at all times by the Company's Site-In-Charge and/or his representatives.
<b>20.0</b>	<b><u>WELFARE &amp; HEALTH</u></b> First Aid facilities to be provided as per specification laid down under Rules.Canteen facilities and Rest Room to be provided as per Rules.
<b>21.0</b>	<b><u>MEDICAL FACILITIES AT SITE</u></b> The Sub-Contractor shall provide medical facilities at the site as may be prescribed by the Engineer-In-Charge in relation to the strength of the Sub-Contractor's resident staff and workmen directly or through the petty Sub-Contractors or sub-Sub-Contractors employed on the work. First Aid facilities at site should be as prescribed under C.L. (R&A) Act and Rules.
<b>22.0</b>	<b><u>OUT BREAK OF INFECTIOUS DISEASE</u></b> The Sub-Contractor shall remove from his camp such labour and their families who have protective inoculation and vaccination when called upon to do so by the Engineer-In-Charge or the Engineer-In-Charge's representative.
<b>23.0</b>	<b><u>PRESERVATION OF PEACE</u></b> The Sub-Contractor shall take requisite precautions and use his best endeavours to prevent any riotous or unlawful behaviour by or amongst his workmen and other employed directly or through the petty agencies on the works.

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<b>24.0</b>	<b><u>USE OF INTOXICANTS AT WORKSITE AND ENCAMPMENTS FOR THE WORK</u></b> The sale of ardent spirits or other intoxicating beverages on the work site or in any of the buildings, encampments or tenements owned, occupied by or within the control of the Sub-Contractor or any of his employee directly or through the petty Sub-Contractors or sub-Sub-Contractors employed on the work shall be forbidden and the Sub-Contractor shall exercise his influence and authority to the utmost extent to secure strict compliance with this condition.
<b>25.0</b>	<b><u>NON EMPLOYMENT OF FEMALE LABOUR AT SITE:</u></b> The Sub-Contractor shall see that the employment of female labour directly or through the petty agencies employed on the work at Site should be avoided.
<b>26.0</b>	<b><u>NON-EMPLOYMENT OF LABOURS BELOW THE AGE OF 15</u></b> The Sub-Contractor shall not employ children below the age of 15 as labours directly or through the petty Sub-Contractors or sub-Sub-Contractors employed on the work for the execution of the work.
<b>27.0</b>	<b><u>EMPLOYMENT OF LABOUR FROM SCARCITY AREA</u></b> If the Government declares a state of scarcity of famine to exist in any village situated within 10miles of the work, piece worker/Sub-Contractor shall employ upon such parts of the work as the suitable for unskilled labour any person certified to him by the Engineer-In-Charge or by any other person to whom the Engineer-In-Charge may have delegated this in writing to be in need to relief and shall be bound to pay to such person wages not below the minimum which Government may have fixed in the behalf. Any dispute which may arise in connection with the implementation of this clause shall be decided by the General Manager (Projects) whose decision shall be final and binding on the piece worker/Sub-Contractor.
<b>28.0</b>	<b><u>INSURANCE</u></b> Sub-Contractors shall at his own expense carry and maintain insurance with reputable Insurance Companies to the satisfaction of the Owner as follows:-



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<p>a)</p>	<p><b><u>EMPLOYEES STATE INSURANCE ACT</u></b> The Sub-Contractor agrees to and does hereby accept full exclusive liability for the compliance with all obligations imposed by the Employee State Insurance Act, 1948 and Sub-Contractor further agrees to defend, indemnify and hold owner harmless from any liability or penalty which may be imposed by the Central, State or local authority by the reason or any asserted violation by Sub-Contractor or Sub-Contractor of the Employee's State Insurance Act, 1948 and also from all claims, suits or proceedings that may be brought against the owner arising under, growing out of or by reason of the work provided for by this contract. Sub-Contractor agreed to fill in with the Employee State Insurance Corporation, the declaration forms and all forms, which may be required in respect of the Sub-Contractor's or Sub-Contractor's employee, where aggregate remuneration is Rs.660.00 per month or less who are employed in the work provided of those covered by ESI from time to time under the Agreement. The Sub-Contractor shall deduct and secure the agreement of the Sub-Sub-Contractor to deduct the employee's contribution as per the first schedule of the Employee's State Insurance Act from wages and affix the Employee's contribution cards at wages payments intervals. The Sub-Contractor agrees to maintain all cards and records as required under the Act in respect of employees and payments and the Sub-Contractor shall secure the agreement of the Sub-Contractor to maintain such records. Any expenses incurred for the contributions, making contributions of maintaining records shall be to the Sub-Contractor's or Sub-Contractor's account. The owner shall retain such sum as may be necessary from the total Sub-Contractor value until the Sub-Contractor shall furnish satisfactory proof that all contributions as required by the Employees State Insurance Act, 1948 have been paid. This will be pending on the Sub-Contractor when the Employee's State Insurance Act is extended to the place of work.</p>
<p>b)</p>	<p><b><u>WORKMEN'S COMPENSATION AND EMPLOYER'S LIABILITY INSURANCE</u></b> Insurance shall be effected for all the Sub-Contractor's employees engaged in the performance of this contract. If any of the work is sublet, the Sub-Contractor shall require the Sub-Contractor to provide workmen's compensation and employee's liability insurance for the latter's employees, if such employees are not covered under the Sub-Contractor's insurance.</p>

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c)	Sub-Contractor shall be responsible for making good to the satisfaction of the owner any loss or any damage to structure and properties belonging to the owner or being executed or procured or being procured by the owner or of other agencies within the premises of all the works of the owner, if such loss or damage is due to fault and/or the negligence or wilful acts or omission of the Sub-Contractor, his employees, agents, representative or Sub-Sub-Contractor.
d)	The Sub-Contractor shall take sufficient care in moving his plants, equipments and materials from one place to another so that they do not cause any damage to third party including overhead and underground cables and in the event of any damage resulting to the property of the owner or of a third party during the movement of the aforesaid plant, equipment or materials the cost of such damage including eventual loss of production, operation or services in any plant or establishment as estimated by the owner or ascertained or demanded by the third party shall be borne by the Sub-Contractor.
e)	The Sub-Contractor shall indemnify and keep to the owner harmless of all claims for damages to property other than owner's property arising under or by reason of this contract if such claims result from the fault and/or negligence or willful acts or omission of the Contract, agents representatives or Sub-Sub-Contractor.
f)	<b><u>ANY OTHER INSURANCE REQUIRED UNDER LAW OR REGULATIONS OR BY OWNER</u></b> Sub-Contractor shall also carry and maintain any other insurance, which he may be required under law or regulation from time to time. He shall also carry and maintain any other insurance, which may be required by the owner.
g)	<b><u>ACCIDENT OR INJURY TO WORKMEN</u></b> The owner shall not be liable for or in respect of any damages or compensation payable at law in respect or in consequence of any accident or injury to any workmen or other person in the employment of the Sub-Contractor or any Sub-Sub-Contractor save and except an accident or injury resulting from any act or default of the owner, his agent or servants and the Sub-Contractor shall indemnify and keep indemnified the owner against all such damages and compensation (save and except as aforesaid) and against all claims, demands, proceedings, cost charges and expenses whatsoever in respect or in relation thereto.

Bharat Bhari Udyog Nigam Limited  
( A Govt. of India Enterprise )

**By order of the Govt., The Braithwaite Burn and Jessop Construction Co. Ltd. (A Govt of India Undertaking) stands amalgamated with Bharat Bhari Udyog Nigam Limited (A Govt of India Enterprise) w.e.f. 10.07.2015.**

NIT/DGM(P-V)/AN/CIVIL WORK/MKTG HUB KGP/679

DATE:-28.09.15

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<b>h)</b>	<b><u>TRANSIT INSURANCE</u></b> In respect of all items to be transported by the Sub-Contractor to the site of work, the cost of transit insurance should be borne by the Sub-Contractor and the quoted price shall be inclusive of the cost.
<b>i)</b>	The Sub-Contractor must submit a photocopy each of the above Insurance Policies to the Site-In-Charge/BBUNL, Kalaichandi Site before commencement of the work.