

BHEL - JHANSI

TENDER NO. FCX/TE/05/05/R

TENDER DOCUMENT

DATE;-10/07/2015

BHARAT HEAVY ELECTRICALS LIMITED
(A Government of India Undertaking)
P.O. BHEL Jhansi 284120

Department : Factory Civil

TENDER DOCUMENT
FOR

**(Misc. Civil and epoxy maintenance
work in factory area for one year.)**

Tender Enquiry No.
FCX/ TE / 05 / 05/R

DETAILS OF TENDER DOCUMENT

TENDER NO.	F	C	X	T	E	05	05					R		
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1. BHEL JHANSI is in the process of finalizing the Works Contract for Misc. Civil and epoxy maintenance work in factory area for one year.

The tender document has been detailed as follows:

- a) Notice Inviting Tender (Annexure A)
- b) Work Specifications (Annexure B)
- c) Qualifying Requirements (Annexure C)
- d) Instruction to Tenderers (Annexure D)
- e) Tender Evaluation Criteria (Annexure E)
- f) Contractor’s obligations (Annexure F)
- g) Other General Terms and Conditions (Annexure G)
- h) Criteria for measurement of work (Annexure H)
- i) Technical Bid Application (Annexure I)
- j) Price Bid (Annexure J)

The duly filled in Technical and Price / Rate bids (Annexure I and J, separately) along with the instructions to the tenders, Contractor’s Obligations, General Terms and Conditions with the signature of the tender on all the pages and complete in all respects super scribed as “Quotation for **Tender No. FCX/TE/05/05/R DATE: 10/07/2015**” should reach us in a sealed cover on or before **04/08/2015 (13.15 hours)** through Registered / Speed post or the same may be dropped in the tender box available at the following address:

CISF Control Room/Office
 Administrative Building
 Bharat Heavy Electricals Limited
 Jhansi-284120

Note: Dropping of tender in the Tender Box within schedule time and date is the responsibility of the bidder.

NOTE :TECHNICAL BID AND PRICE BID SHOULD BE SUBMITTED IN SEPARATE SEALED ENVELOPES, IN CASE THE BIDS FOUNDS IN ONE SINGLE ENVELOPE THEN THE "BIDS" ARE LIABLE TO BE REJECTED.

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NOTICE INVITING TENDER

1. **SCOPE OF WORK** : Misc. Civil and epoxy maintenance work in factory area for one year.

2. **Tender Evaluation Criteria** : As per Annexure – D

3. Duration of the Contract : One Year from award of work

4. Value of Work : **Rs 14.25 Lakhs**

5. Other specific requirements : As per Tender

6. Last date of receipt of the Tender : **up to 13:15 hours on 04/08/2015**

7. Date of opening Tender : **14.00 hours on 04/08/2015**

8. Address for receipt/issue of Tender Documents : **Bharat Heavy Electricals Limited
Jhansi**

9. Earnest Money Deposit : **Rs. 40,000/- (Forty Thousand only)**

(EMD shall be paid in the form of Demand Draft/ Banker's Cheque in favour of BHEL, Jhansi and copy of receipt to be enclosed with Price bid

OR

One time EMD of Rs. 2 Lakhs can also be deposited in above form and copy of receipt may be enclosed along with tender form.

1. In case of successful bidder EMD will be converted and adjusted against the security deposit on request of bidder, however conversion from EMD to Security Deposit, Stamp Duty will have to be paid as per relevant clause in this document.

2. In case of others the EMD shall be returned normally within 15 days of acceptance of award of work by the successful bidder).

10. Cost of Tender Document: **Rs. 400 + VAT (as applicable, current rate 14%) = Total Rs. 456/- (In Words Rs. Four hundred fifty six rupees only.)**

(In case the documents downloaded from website the cost may be paid by enclosing Demand Draft in favour of "BHEL, Jhansi" along with technical bid or cash may be deposited at BHEL Cash Office and receipt be enclosed with Technical Bid)

11. Security Deposit: Refer Annexure F

NOTE : 1) THE BIDDER MAY VISIT THE WORK PLACE BEFORE QUOTING THEIR RATES.

2) FOR RELEVANT DETAILS PLEASE VISIT OUR WEBSITE www.bhel.com "&"
www.bheljhs.co.in"

Annexure 'B'

WORK SPECIFICATION

S. No	Ref: DSR 2012	Description of Items	Unit	Qty
1	1.1.1/62	Carriage of building rubbish	M3	50.00
2	1.1.2/62	Carriage of Earth up 1 km.	Cum	25.00
3	2.6.1/72	Earth work in excavation	Cum	65.00
4	2.10.1.2/73	Excavation trenches for pipe 80 mm	M	26.00
5	2.25/75	Filling available excavated earth	Cum	40.00
6	2.31/75	Clearing Jungle including vegetation	100M2	16.00
7	2.33.1/76	Felling of tree of the girth	Nos	25.00
8	4.1.3/85	P/laying in PCC -1:2:4	Cum	25.00
9	4.1.6/85	CC 1:3:6 (40 mm coarse aggregate)	Cum	13.00
10	4.1.8/85	P/laying in PCC -1:4:8	Cum	7.00
11	5.1.3/96	P/Reinforced cement concrete 1:2:4	Cum	20.00
12	5.3/96	RCC work beams,	Cum	9.00
13	5.9.1/97	Centering and shuttering including	Sqm	60.00
14	5.9.3/97	C / shuttering including strutting,	Sqm	40.00
15	5.22.6/99	Reinforcement for R.C.C. work	Kg	710.00
16	5.24/100	Extra for rendering smooth the top	Sqm	40.00
17	6.1.2/109	Brick work upto plinth	Cum	10.00
18	6.4.2/109	Brick work above plinth	Cum	45.00
19	6.8/109	Brick work 7 cm thick with	Cum	7.00
20	6.13.2/110	Half brick masonry	Sqm	15.00
21	7.1.1/119	R.R. Masonry with hard stone	Cum	13.00
22	9.21.1/151	P/F ISI marked flush door shutters	Sqm	45.00
23	9.95.4/159	P/Fixing Aluminium hinges	each	15.00
24	9.97.3/159	P/F lower bolt 200mm aluminium	each	15.00
25	9.101.1/160	Providing & fixing door stopper	each	15.00
26	11.1.2/187	Brick on edge flooring with	Sqm	32.00
27	11.2/187	Brick on edge flooring with dry bricks	M2	15.00
28	11.3.1/187	Cement concrete flooring 1;2;4 (40mm flooring)	Sqm	65.00
29	11.4/187	52 mm th cement concrete flooring	Sq mtr	50.00
30	11.36/192	Ceramic glazed wall tiles	Sqm	39.00
31	11.37/192	Ceramic glazed floor tiles 300 x300 mm	Sqm	35.00
32	11.41.2/193	Vitrified floor tiles in different sizes	Sqm	25.00
33	11.42/193	Deduct 20mm th cement mortar	Sqm	25.00
34	11.43/193	Glazed/ Ceramic/Vitrified floor tiles	Sqm	50.00
35	13.1.2/222	Plaster -12 mm 1:6	Sqm	200.00

S. No	DSR 2012	Description of Items	Unit	Qty
36	13.2.2/222	Plaster -15 mm 1:6	Sqm	200.00
37	13.3.2/222	20 mm(1:6) Plaster	M2	25.00
38	13.8.2/222	15 mm Plaster with punning	M2	25.00
39	13.26/224	P/applying plaster of paris putty	Sqm	80.00
40	13.37.1/225	White washing with lime New work	Sqm	130.00
41	13.39.1/225	Colour washing such as green, blue	Sqm	155.00
42	13.41.1/225	Distempering with oil bound distemper	Sqm	80.00
43	13.43.1/225	Applying one coat of cement primer	Sqm	25.00
44	13.44.1/225	Finishing walls with water proofing on bricks	M2	130.00
45	13.60.1/227	Wall painting with plastic emulsion paint	Sqm	65.00
46	13.62.1/227	Painting with synthetic enamel paint	Sqm	60.00
47	15.2.1/248	Dismantling of C.C.(1:3:6) on richer	M3	10.00
48	15.2.2/248	Demolishing of cement concrete 1:4:8	M	10.00
49	15.3/248	Dismantling of RCC	M3	10.00
50	15.7.4/248	Demolishing brick work manually	Cum	10.00
51	15.9.2/248	Demolishing of stone masonry	M3	10.00
52	15.12.1/249	Dismantling doors, windows	Each	13.00
53	15.56/253	Dismantling old plaster and cleaning	Sqm	40.00
54	16.53/270	Providing and fixing concertina coil	mtr	125.00
55	17.1.1/287	water closet squatting pan	Nos	5.00
56	17.2.1/287	white vitreous china pedestal type	Nos	5.00
57	17.4.2/287	White vitreous china flat back two urinal basins	Nos	5.00
58	17.4.3/287	P/F three urinal basins 10litre automatic flushing cistern.	Nos	5.00
59	17.7.2/288	Wash basin15mm C.P brass pillar	Nos	6.00
60	17.31/291	600x450 mm edge mirror of superior	Nos	10.00
61	18.12.2/314	G.I. pipes complete fittings 20mm	M	32.00
62	18.15.1/315	Brass bib cock of approved 15 mm	Each	15.00
63	19.6.2/336	P/laying : 150 mm dia. R.C.C. pipe .	M	14.00
64	19.6.4/336	P/Fixing RCC pipe 300 dia	M	15.00
65	21.1.1.1/35	P/fixing aluminium work for doors	kg	50.00
66	21.1.2.1/35	P/ fixing aluminium work for doors,	kg	45.00
67	21.2.2/355	P/F 12mm thick prelaminate particle board sides.	sq mtr	15.00
68	21.3.1/356	P/F aluminium door, window, ventilator shutters	sq mtr	15.00
69	21.3.2/356	P/F glazing in aluminium door, window,	sq mtr	13.00
70	21.4.1/356	P/F double action hydraulic floor spring.	Nos	8.00
71	21.13/357	P/Fixing Lock 100mm	Nos	13.00
72	21.16.1/358	P/Fixing Aluminium handles	Nos	15.00
73	0020/3	Hiring of Hydraulic Excavator	Day	6.00

74	0039/4	Hiring of tractor trolley with operating staff.	per day	7.00
75	0293/8	Stone aggregate-40mm	Cu meter	18.00
76	0295/8	Stone aggregate-20mm	Cu meter	18.00
77	0297/9	Stone aggregate-10mm	Cu meter	18.00
78	0298/9	Stone aggregate-6mm	Cu meter	15.00
79	0982/16	Coarse sand	Cu meter	30.00
80	0983/16	Fine sand	Cu meter	26.00
81	2602/27	FPS Bricks class designation 7.5	Nos	13000.00
82	7060/31	Hydraulic door closer tubular.	Nos	13.00
83	7385/38	Supply 3mm thick White acrylic plastic	m2	20.00
84	1649/302	Polyethylene water storage tank.	Per litre	1300.00
85	1954/25	Supply of WC seat	each	4.00
86	-----	Any or other item not covered above but covered in DSR 2012	basic value	40000.00

Non schedule items

S. No		Description of Items	Unit	Qty
87	Ex - 1	Fabrication & erection of steel structure (steel supplied by BHEL) including primer & painting of approved brand (1st quality of Asian /Berger / Nerolac /Shalimar make).	Kg	650
88	Ex - 2	Providing and fixing A.C. Sheets 6mm thick (1.5 mtr to 3.0 mtr long) complete with Hook, GI washer, Nut, Bitumen washer approved by engineer in charge.	Sqm	80
89	Ex - 3	P/F PVC floor 1.5mm thick as per approved quality, brand and colour by Engineer in charge	Sqm	30
90	Ex - 4	Removal of existing AC Sheet 6mm thick (1.5 mtr to 3.0 mtr long) and making proper staking of serviceable items and disposal of non useable material up to 500 meter lead.	Sqm	35
91	Ex - 5	Refixing of old AC Sheet on labour basis (all material supplied by BHEL)	Sqm	32
92	Ex - 6	Dismantling of Steel structure including cutting lowering etc and making proper staking of serviceable items and disposal of non useable material up to 500 meter lead.	Kg	400
93	Ex - 7	Re-erection of dismantled steel structure including welding ,cutting as per direction of engineer in charge and etc primer & painting of approved brand (1st quality of Asian / Berger / Nerolac / Shalimar make) .	Kg	400
94	Ex - 8	Removing of bee hives at 15 mtr height during night hours.	nos	40
95	Ex - 9	Providing and fixing ridges and hips in asbestos cement sheet roofing close fitting adjustable ridges	mtr	30

96	Ex - 10	Providing and fixing aluminium grill over existing aluminium windows inside factory area as per approved sample. (Min.wt. 1.5 kg per sqm). The grill shall be fixed to the aluminium Y channel / any other aluminium section as approved by Engineer - in - Charge (approx x 100 gm per meter) area of window grill to be measured in sq meter.	Sqm	30
97	Ex- 11	Surface Preparation Cleaning of Surface free from dust, dirt, moisture, oil & all foreign material from the floor. For floor cleaning all mechanized equipments are to be used like scrubber, sanders, hot air blowers, vacuum cleaners, moisture test machine etc. Once cleaned, the surface is roughened to prepare the surface for application of epoxy primer	sqm	200
98	Ex - 12	Leveling with epoxy screed - Application of epoxy primer over prepared surface and then filling of cracks, crumbled joints small size damages in the epoxy floor with epoxy mortar having high compressive strength. The epoxy mortar should be so applied so as to achieve level of - 1 mm from adjoining top level of epoxy floor surface. Once the epoxy mortar is applied, the area should be left to dry for minimum 24 hours before final coat of EPU paint is applied	Cum	0.3
99	Ex - 13	EPU Coating - Providing and application of concrete primer on top of epoxy screed. This is followed by Self Leveling PU top coating of specified shade and colour of 1 mm thick with self leveling epoxy material by means of special spike rollers and other tools so as to remove all trapped air bubbles and achieve smooth, glossy and leveled surface	sqm	200

QUALIFYING REQUIREMENTS

1. Should have independent ESI Code number
2. Should have PAN/TAN number
3. Should have Service Tax number (PAN based)
4. Self certificate that he is not blacklisted/banned/delisted on the date of tender.
5. Should have UPVAT/TIN and/or CST No. (which ever is applicable), if material is supplied/consumed Certificate Issued by Sales Tax Dept to be enclosed.
6. Self Declaration that he is not blacklisted/under hold from BHEL Jhansi or banned by any unit/region/office of BHEL
7. Self Declaration that he should not be guilty by a Court of Law in India for any offence involving fraud, dishonesty and moral turpitude.
8. Documentary proof in support of above eligibility criteria along with EMD shall be submitted along with Techno Commercial Bid at Annexure I
9. **i) Average Annual financial** turnover during the last 3 years, ending 31st March 2015 should be at least **Rs 4.28 Lakhs**. (Duly audited Financial Statement/ Balance sheet / Certificate from CA to be submitted as a supporting document). Provisional turnover for the year 2014-15 shall also be acceptable.
ii) If all balance sheets are not available for all three years then the average shall be calculated by dividing the sum of turnover of submitted balance sheets by three.
iii) Experience of having successfully completed similar works during last 7 years ending on **30 June 2015** should be either of the following:-
 - a. **Three similar completed works each costing not less than the amount equal to Rs. 5.70 Lakhs.**
Or
 - b. **Two similar completed works each costing not less than the amount equal to Rs. 7.13 Lakhs.**
Or
 - c. **One similar completed work, costing not less than the amount equal to Rs. 11.40 Lakhs.**Documentary proof (Execution Certificate) for the experience to be submitted along with Technical Bid. In case of experience in Private Sector relevant TDS Certificate must be attached as evidence.

Note: Similar work means all type of civil construction and maintenance work.

INSTRUCTIONS TO TENDERERS

- Above tender is in two Bid System (Techno Commercial Bid & Price/ Rate Bid).
1. The tender is to be processed in two parts viz. 1) Techno Commercial bid 2) and price/rate bid. The Technical Bid Application (Annexure - I) and its enclosures (along with the Contractor's Obligations, General Terms & Conditions and copies of qualifying requirements) must be submitted in one sealed envelope superscribed as "Tender for **FCX/TE/05/05/R TECHNOCOMMERCIAL BID**". EMD/Cost of Tender Document or Documents required as per qualifying requirements must be enclosed. The second envelope duly sealed should contain the price bid (Annexure-J) only super scribed as "**(Misc. civil epoxy maintenance work in factory area for one year) PRICE BID**". Any other enclosures, which the tenderer wishes to submit, must be enclosed with the Technical Bid only. The price bid envelope should contain the rates only. Offers not in line with the above procedure or quoted in any other format is liable to be rejected/by passed.
 2. Both the technical bid and price bid sealed envelopes must be again sent in a single envelope duly sealed and super scribed as "TENDER FOR TENDER NO **FCX/TE/05/05/R DUE DATE OF OPENING 04/08/2015**". The same should be dropped in the tender box kept in the CISF gate of Administrative Building, BHEL, Khailar, Jhansi, within the specified date and time by the representative of the tenderer.
 3. All tenderers can witness the opening of the Technical Bid. After evaluation of the Technical Bid which may involve visit to the tenderer's /clients place by authorized officials, price bids of only those tenderers who are technically found suitable will be opened on a subsequent date which will be informed to the concerned whose technical bid has been accepted, in advance for witnessing the Price Bid opening.
 4. All entries in the tender document should be in one ink. Corrections, over writing, cuttings, etc. will not be permitted. All the columns in the tender form should be filled without leaving blank in any page of the tender and all the pages must be duly signed & stamped by the tenderer before submission.
 5. The price / rate should be quoted in figures as well as in words. Price quoted in Price Bid shall be inclusive of all taxes & duties, all statutory requirements/liabilities like PF/ESI/Bonus/Min. wages etc. However service Tax shall be payable extra as applicable.
 6. The rate quoted will be valid for the period of contract.
 7. The contract will commence on the date as applicable against the contract and shall be valid as per the validity period of the contract. The contract can be extended further on mutually agreed terms and conditions.
 8. Successful bidder will have to submit registration with Zila Panchyat as a civil contractor before start of work.

TENDER EVALUATION CRITERIA

The evaluation of the Tender will be carried out as follows:

1. BHEL officials may visit the tenderer's office & their client's place to evaluate the capability and assess the performance.
Capability of the Contractor will be assessed on the basis of employees including supervisors on their rolls, machinery, equipments in its possession, previous track record, experience in other organizations, etc.
2. Successful techno commercial qualified tenderers after the above process only will be invited for opening of the rate / price bid.
3. The contractor shall be awarded the work on over all L-1 basis (i.e lowest Grand Total of Price bid at Annexure J) if otherwise not specified in the tender.

Annexure 'F'

CONTRACTOR'S OBLIGATIONS

A) CONTRACTUAL

Towards selection, control and supervision of employees

- 1) Contractor shall decide the number of employees to be deployed for execution of the work awarded to him and he or his authorized representative will be solely entitled to instruct such workers about the manner of carrying out the work as per the prescribed specifications and quality plan.
- 2) Contractor shall supervise the work allotted to him and to be carried out by his employees.
- 3) Contractor will ensure that the job is executed through his employees on his rolls and under no circumstances the contractor will deploy any casual employee to carry out the job nor shall sub-contract the job without prior written permission.
- 4) **Age of workers:** The contractor shall not employ any person who has not completed his 18 years. Also age of worker deployed should not exceed 60 years.
- 5) Contractor to ensure that the employees deployed in the premises of BHEL are physically and mentally fit and do not have any criminal record. Such employees should possess requisite skill, proficiency, qualification, experience etc. acceptable to concerned department.
- 6) **Discipline:** The Contractor shall be responsible for the discipline of his own employees deployed under the contract. In case of any loss to the BHEL Jhansi on account of indiscipline of employee then such loss shall be assessed and recovered from the running bills of the contractor or from the security deposit.
- 7) The contractor, on advice of authorized BHEL official, shall immediately remove any person employed by him, who may in the opinion of such authorized BHEL official is involved in misconduct. Such person shall not be re-employed by the contractor without prior permission.
- 8) Contractor will keep watch on his employees and he will be liable for any pilferage / loss to BHEL due to acts of omission and commission by his employees. Similarly,

liability for any compensation to outsiders on account of any act of omission and commission by the employees deployed by the contractor shall lie exclusively with him.

9) Contractor to ensure that all precautions are taken for safety of his employees and equipments.

10) **Record Keeping:** Contractor to maintain appropriate records of his employees deployed to carry out the job(s). Contractor shall maintain neatly written, complete and legible registers, records, reports and returns for inspection by various authorities at short notice.

11) In the event of termination of contract for any reason whatsoever, the contractor shall withdraw all his employees from the establishment of BHEL. In case contractor decides to terminate services of his employees, he should settle all terminal dues required.

12) Tools, tackles and materials: Contractor shall provide to his employees all tools, tackles, material, equipments as specified in contract and maintain the same to carry out the job under the contract at his risk and cost. BHEL shall not have any liability for these tools, tackles, equipments or material.

B) Towards statutory liability

1. As mentioned in the terms and conditions enclosed as Annexure 'F' of this contract.

2. Contractor shall indemnify BHEL against all claims by statutory authorities and losses under various Labour Laws, statutes or any civil or criminal law in connection with employees deployed by him.

3. Contractor shall be responsible for making payment of wages before expiry of 7 days from the last day of wage period (wage period shall be from 1st day of the month to the last date of the month) and to ensure disbursement of wages in the presence of the authorities representative of contract operating division who shall record under his signature at the end of entries in the Register of wages.

C) Towards Finance

Contractor to arrange his own finance for carrying out the job including supply of tools, tackles and equipments, if required, to his employees, materials, payment of wages to his employees etc. Rates to be as per Letter of intent issued to successful bidder.

GENERAL TERMS & CONDITIONS FOR CONTRACTORS FOR DEPLOYMENT OF WORKERS UNDER WORKS CONTRACT.**1 SECURITY DEPOSIT**

1.1. Depending on value of contract awarded the amount of Performance Security Deposit shall be as following:

Upto Rs 10 Lakhs	10%
Above Rs 10 Lakhs & upto Rs 50 Lakhs	Rs.1.0 Lakh + 7.5% of the amount exceeding Rs 10 Lakhs
Above 50 Lakhs	Rs. 4.0 Lakhs + 5% of the amount exceeding Rs. 50 Lakhs.

mentioned in the contract document.

1.2. The bidder shall submit the 'Performance Security Deposit' within 30 days of awarding of contract/ issue of Letter of Intent as following:-

- a) Pay Order, Demand Draft drawn in favor of M/s "Bharat Heavy Electricals Limited, JHANSI" valid for the period as aforesaid.
- b) Local Cheque of scheduled banks, subject to realization.
- c) Securities available from Post Offices such as NSC, Kisan Vikas Patras etc. (Certificates to be held in the name of bidder furnishing the security and duly pledged in favor of BHEL and discharged on the back)
- d) Bank Guarantee from scheduled Banks/Public Financial Institutions as defined in Companies Act. The Bank Guarantee format should have the approval of BHEL.
- e) Fixed Deposit Receipt (FDR) issued by Scheduled Banks/Public Financial Institutions as defined in Company's Act. The FDR should be in the name of bidder; A/C BHEL JHANSI duly discharged on the back.
- f) The PSD can also be recovered at the rate of 10% from running bills. However in such cases at least 50% of the PSD should be deposited before the start of work and balance 50% may be recovered from running bills.
- g) All deposits in the form of bank instruments shall be caused to be submitted preferably through the issuing bank only and deposited with the Finance Deptt. of BHEL under receipt in duplicate with copy of receipt submitted to department.
- h) The Performance Security Deposit shall not carry any interest.

2 Stamp duty applicable as per Indian Stamp Act 1998 is as follows:-

Sl	Performance Security Deposit	Stamp Duty Applicable
1.	Pay Order, Demand Draft, Local Cheque of scheduled banks	Rs 125/- per Rs.1000
2.	Securities available from Post Offices such as NSC, Kisan Vikas Patras etc and Fixed Deposit Receipt (FDR) issued by Scheduled Banks/Public Financial Institutions	Rs 70/- per Rs.1000
3.	Bank Guarantee from scheduled Banks/Public Financial Institutions	Rs.5/- per Rs.1000 limited to Rs

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3 LABOUR LICENCE AND OTHER REQUIREMENTS:-

(a) Labor License

i) Contractor shall within 15 days of commencement/completion of work-order submit Form VI-A to RLC office. The first & final bill shall be processed only on clearance regarding submission of Form VI-A by contractor.

ii) Contractor shall apply for Form V to BHEL for obtaining labour license (if the number of workers deployed is more than 19) from appropriate government (as on date Central Government) and submit the same within one month from the date of award of the contract. Contractor shall possess separate valid Labour license from appropriate government for each contract in line with CL(R&A) Act before deploying their employees.

iii) In case the number of employee desired to be deployed by the contractor against the contract during execution exceeds the number of employees allowed in the license then the contractor shall obtain prior amended valid labour license for the contract for the requisite number of employees.

iv) The contractor cannot deploy the contract worker without obtaining requisite Labour licence from the Appropriate Government (Central Govt.) authority. Till then the contractor shall be allowed to deploy maximum 19 workers or the numbers required whichever is less.

(b) Group Insurance Policy

i) Contractor shall buy Group Accident Insurance policy for all of his employees deployed under the contract before the start of work. No employee should enter the BHEL factory premises or working area without insurance cover as stated below.

ii) The policy should cover the accidental death of workers for 24 Hrs for all the seven days of week.

iii) The policy should be purchased from Govt. under taking company.

iv) The Maximum coverage shall be of Rs. 5 lakhs per individual. The sum assured (Rs. 5 lakhs) shall become payable to the nominee/legal heir in the event of death due to accident of insured person.

v) In the event of death of any contract worker deployed by the contractor without proper insurance cover, the contractor shall be liable to pay Rs. 5 lakhs to the nominee/ legal heir of such deceased contract worker.

4 APPOINTMENT AND ENTRY IN FACTORY PREMISES:

4.1 The contractor shall submit the following to HR, contracting department and CISF

(a) The details of the worker proposed to be deployed.

(b) Character certificate issued by District Magistrate's Office or Proof of remittance of fees for character certificate at District Magistrate's Office. Further he should submit the character certificate within 60 days failing which he will be discontinued.

(c) Copy of employment card issued by contractor to his own worker. Annexure II

4.2 After submission of documents the contractor shall issue photo identity card to the employee and submit to HR department. This identity card shall be forwarded by HR department to CISF, which shall then authorize the employee to enter the factory premises initially for a period of one month.

4.3 The photo identity card shall have to be revalidated every month on last working day of the month or any other date fixed to do so. In absence of such revalidation, duly forwarded by HR department, CISF shall not allow any employee to enter the premises of BHEL Jhansi.

4.4 The contractor shall maintain a register of persons employed by him in the format prescribed under Rule 75 of Contract Labor (R&A) Central Rules. A copy of this format is annexed as **annexure III**.

4.5 The entry of contractor's worker in factory premise shall be through biometric/smart cards. The contractor shall ensure issuance of biometric/smart card through time office section of BHEL Jhansi. After the conclusion of works contract, the contractor shall collect

I/We agree with the above

Signature of contractor with Seal

14

Executive In-Charge

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these biometric cards from his workers and submit the same to Time office section through contracting department. In event of any contract worker leaving the service before completion of the contract, the contractor shall ensure return of biometric card to BHEL Jhansi. In case of non return of biometric card, Rs 200/- (Rupees two hundred only) per card shall be deducted from the security deposit of the contractor.

5 ATTENDANCE AND PAYMENT OF WAGES

- a) Contractor should maintain attendance register by recording daily attendance duly signed by both contractor and contract worker.
- b) The contractor shall pay minimum wages as applicable of the Appropriate Government.
- c) The contractor shall issue pay slips to his workers, for the month deployed for undertaking activities under the contract, at least a day prior to disbursement of wages.
- d) The contractor shall make payment to the his own employees/ Before the expiry of the 7th day after the last day of the wage period in respect of which the wages are payable. The payment of wages to the employees shall not be subject to payment against the bills by BHEL preferably through bank account for better control & smooth disbursement of wages.
- e) The contractor shall remit the cheques favoring RPFC and ESI Kanpur with the appropriate banks with such period as stipulated under relevant provisions. Last date for remittance of PF is 15th and that in case of ESI is 21st of each month.
- f) The contractor shall make payment of wages to his workers on due date.
- g) In cases where the payment to the contractor is due only after completion of work and the payment is not made monthly then the contractor shall have to produce documents as enumerated in respect of all workers deployed by him against the contract, for each month separately, along with final bills.

6 Payment of bills

The payment of bills shall be done as per contract on completion of work/stage and duly certified by agency as defined in contract.

The contractor's bills should be accompanied with the following.

- a) Copy of Measurement Book entries/Statement of work done by the Contractor
- b) Statement of Minimum Wages of employees deployed by him under the contract, PF/ESI no., statutory deductions etc., in the format as in Annexure IV annexed to these terms and conditions. (Form XVII of Contract Labour (R&A) Rules
- c) PF and ESI challans for previous month- separate for concerned contract. Print of online challan along with ECR/ Contribution History of contributing contract workers for PF/ESI duly certified by the contractor.
- e) Wage payment sheet for the bill period as per annexure IV.
- f) Copy of Form-5 and Form-10 (PF monthly returns) submitted by contractor to RPFC for billing month.
- g) Copy of Form 12A-regarding PF remittance
- h) List of CL covered under accident insurance policy
- i) Statement of material supplied by the contractor if any
- j) Copy of Labour License if increase in no. of employees deployed against Work Order if applicable.
- k) Copy of Challan of previous service tax paid
- l) Proof of Group Accident Insurance Policy along with bill

The executing department shall pass the bills of the contractor, after thorough checking, along with requisite documents the bill in original and Service Tax Challan & documents as above forward them to Finance through HR department.

After checking the Labour Laws compliances with respect to the concerned contract, HR department after retaining copies of PF and ESI Challans and wage payment sheet pertaining to the relevant months, annexure IV etc., will forward the bill along with requisite

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documents (the bill in original and Service Tax Challan) to finance department. Finance department shall on satisfactory compliances of stamp duty charges, service tax and security deposit amount, make payment as per contract.

Finance department shall, on satisfactory compliance, and after deduction on account of Security deposit amount and TDS will make payment to the contractor.

7.0 Provident Fund

a. The contractor should get independent EPF code before deployment of his contract worker against work contract.

b. The Contractor should allot PF account number and get the nomination form, duly filled in, from each worker deployed by him at the time of joining.

c. In case the worker already has PF/pension account number, allotted to him, previously, then the contractor shall get the transfer form filled up at the time of joining and send to the office of concerned Regional Provident Fund Commissioner.

d. After termination of contract the contractor shall provide due assistance to the employee for withdrawal of PF/pension amount, when due.

e. The Contractor shall liaison with the PF officials to get the annual PF slips and distribute amongst his own workers. Security deposit shall be released only after submission of PF slips of workers.

7.1 PF CONTRIBUTION:

Employee's Contribution
(Coverage Rs.15000/- on

Employer's Contribution
PF Contribution 3.67%

Employee's/ Employers

Insp /Admn Charages 0.85% or Rs.500/- Whichever is more

Contribution).

Admn/Insp Charges 0.01% or Rs.200/- Whichever is more

Pension Fund 8.33%

EDLI Charges 0.5%

Total 13.36%

7.2 The Contractor shall submit annual returns in Form-6A and Form 3A, prescribed under statutory EPF scheme, 1952, in respect of each worker deployed by him with a copy to HR.

8 Employees State Insurance

a) The Contractor should allot ESI account number and get the nomination form, duly filled in, from each employee deployed by him at the time of joining.

b) At the time of joining the contractor shall get the self/family registration form filled by the workers and submit to the local ESI office.

c) The contractor shall facilitate collection of issued ESI cards by his worker.

8.1 ESI CONTRIBUTION:-

Employee's Contribution Employer Contribution

1.75% of gross wages 4.75% of gross wages

8.2 The Contractor shall submit annual returns in Form-6 prescribed under ESI Act, deployed by him with a copy to HR and finance department

8.3 The Contractor shall produce the following Registers and forms as per Contract Labour (R & A) Rules 1971 for verification by the Executing Officer of the company :-

a) Form XIII - Register of Workmen employed by contractor (Rule 75)

b) Form XIV - Employment Card issued by contractor (Rule 76)

c) Form XVI - Muster Roll 78(1) (a) (i)

d) Form XVII - Register of Wages (Rule 78 (1) (a) (i)

e) Form XVIII - Register of wages-cum Muster Roll (in case of weekly Payment)

I/We agree with the above

Signature of contractor with Seal

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- f) Form XIX - Wage Slip (Rule 78)(1) (b)
- g) Form XX - Register of deduction for damages of loss (Rule (78)(1) (a) (ii)
- h) Form XXI - Register of fines (Rule 78) (1) (a) (ii)
- i) Form XXII - Register of advance (Rule 78) (1) (a) (ii)
- j) Form XXIII - Register of overtime (Rule 78) (1) (a) (iii)
- k) Form XXIV - Return to be sent by the contractor to licensing officer (Rule 82)
- l) Form XII – Register of Adult Workers
- m) Form XIV – Leave with wage register
- n) Form XV – Leave book

8.4 Contractor shall fully abide by the provisions of various applicable labour Act/laws and all other enactments as applicable for such contracts.

9.0 Bonus

The contractor shall be liable to pay statutory bonus under payment of Bonus Act, 1965. and submit proof of disbursement along with received copy of Form-D to L.E.O Office.

10.0 LEAVE WITH WAGES TO THEIR EMPLOYEES:-

10.1 Guidelines as per factories Act 1948 & U P factories Rules 1950 should be strictly observed with regard to crediting / availing of leave of absence. Register as prescribed under the said rules should be maintained by the contractor.

10.2 The contractor will give three paid National Holidays to his employees.

11.0 INDEMNITY BOND/ COMPLIANCE OF LEGAL PROVISION/ INTIGRITY PACT

a.BHEL Jhansi shall not be liable for any compensation whatsoever in the case of accident / injury to the person employed by the contractor coming in the premises of BHEL Jhansi. Contractor shall pay all claims / compensation / damages / penalty / fine or any amount payable to the individual / authorities payable due to accident / injury to the person employed by the Contractor.

b. That BHEL-Jhansi will not, in any manner be responsible for any act, omission or commission of the workers engaged by contractor and no claim in this respect will lie against BHEL-Jhansi. If any such claim is made against BHEL-Jhansi by any worker or his heirs engaged/employed by the contractor, which BHEL-Jhansi is obliged to discharge by virtue of any statue or any provision of law and rules due to mere fact of the workers of the contractor working at BHEL- Jhansi premises or otherwise, the contractor will be liable to indemnify/reimburse BHEL-Jhansi all the money paid in addition to the expenses incurred by him. The contractor must indemnify and keep indemnified BHEL- Jhansi against all losses and claims for injuries or damage to any person or property whatsoever which may arise of or in course of the operation of the contract and against all claims, demands, proceedings, damages, cost, charges and expenses whatsoever in respect of contingencies depicted herein shall be deemed as expected risk.

c. The Contractor has to make an agreement with BHEL in the format prescribed only on Rs. 100/- Non-Judicial Stamp Paper.

d. In case of contract estimate is equal to or more that Rs. 10 Corer Integrity Pact to be signed and submitted by the bidder along with the tender documents by the bidder.

12.0 OTHER GENERAL TERMS AND CONDITIONS:-

Legal compliance

a) The contractor will comply with all the provisions regarding licensing, welfare and health, procedures, maintenance of various records and registers etc., as provided under the contract Labour (Regulation & abolition) Act 1970, rules amendments, orders, notifications there under issued by the Appropriate Government from time to time. For non-compliance of any provisions, statutory compliance under law, the contractor shall

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be responsible for penalties levied by the appropriate authority under the Act. The contractor shall also be liable to comply with all other Labour and Industrial Laws and such other acts and Statutes (including Factories Act, Payment of Bonus Act, minimum wages Act, etc.). Depositing of ESI, PF contribution as may be applicable is the responsibility of the contractor. For any default in compliance, the contractor shall be held responsible.

b) The work shall be supervised by the contractor or through the authorized representatives on day to day basis.

c) The Contractor shall compensate BHEL for any loss or damage to the plant/property, material of BHEL due to his workmen/representatives' negligence or otherwise during execution of work.

d) In the event of contractor abandoning the work or BHEL revoking the contract BHEL shall have a right to get incomplete work completed at contractor's risk and cost. BHEL shall have a right to terminate the contract at any time without assigning any reason thereof.

e) Security deposit will be released on submission of following certificates from departments mentioned as under:-

i) Completion of work and certification of payment of minimum wages to employees from contracting department.

ii) Certificate of compliance of labour laws from Contracting Deptt.

iii) Certificate of payment of Bonus by Contracting Deptt.

iv) No dues certificate from contractor regarding Service Tax payment & any other dues liable to remitted by contractor under Financial Laws to Finance department.

v) In case of non satisfactory performance of the contract, BHEL shall have a right of forfeiting the security deposit. In case of any dispute decision of concerned Head of the Department will be final.

13.0 Risk & Cost: If the Contractor fails to perform/execute the work within time or fail to perform as per the specification prescribed in tender or acted in violation to prescribed terms and conditions, BHEL-Jhansi shall be entitled to terminate the Contract and take recourse to alternate source to get the work done at the risk and cost of the Contractor. In such case Contractor shall make good the loss to BHEL. BHEL shall be entitled to recover the difference in cost, if any incurred by BHEL due to getting the work done from alternate source. However, in such case Contractor shall not be entitled for any gain.

14.0 SETTLEMENT OF DISPUTE/JURISDICTION/ARBITRATION ETC.:-

BHEL Reserve the following rights to evaluate the bid as per BHEL policy and Govt. guidelines including CVC / Vigilance guidelines by the tender committee duly constituted by BHEL Management. The decision of BHEL, Jhansi Management or Tender committee duly approved by competent authority shall be final and binding to bidder.

15.0 CONFIDENTIALITY

The parties agree & acknowledge that in the course of their discussions and interaction, BHEL may disclose information of confidential proprietary nature relating to its business, products, know-how, technology, customers, employees and financial to the contractor. Such information shall be considered as confidential. The contract agrees to keep it confidential & secret at all times and not directly or indirectly disclose to any party other than its employees and authorized personnel's strictly on a need know basis, without the prior written permission of BHEL.

16.0 TERMINATION

BHEL reserves the right to terminate contract awarded for any contravention of statutory provision or any other reasons without assigning any explanation or notice to the contractor.

17.0 SUSPENSION

BHEL reserves the right to suspend performance of any or all of its obligations under the contract. Such notice shall specify the obligation of which performance is to be suspended, the effective date of the suspension and the reasons therefore. The Contractor shall thereupon suspend performance of such obligations until ordered in writing to resume such performance by the same authority that ordered for suspension.

18.0 JURISDICTION

Any matter of dispute arising out of or in connection with this contract shall be under jurisdiction of Jhansi Court only.

19.0 ARBITRATION:-

All disputes arising in connection with the contract shall be settled by mutual consultation. If no agreement is reached the dispute shall be settled in accordance with Arbitration and conciliation Act, 1996 and the rules made there under. The dispute shall be referred for arbitration to any arbitrator to be appointed by the Head of the unit (BHEL Jhansi).

The award of the arbitrator shall be final and binding on both the parties. The venue of the Arbitration shall be at Jhansi in India. The Award to be given by the Arbitration shall be a speaking award. All questions, disputes, differences arising under, out of or in connection with this contract shall be to the exclusive jurisdiction of Jhansi court.

INFORMATION TO TENDERERS

Tenders are invited on behalf of the BHARAT HEAVY ELECTRICAL LIMITED JHANSI for Work – **Misc. Civil and epoxy maintenance work in factory area for one year.**

The work is estimated to cost **Rs. 14.25 Lakhs**. This estimate, however is given merely as a rough guide

- 1- The works are required to be carried out for a period of **One Year** from the fifteen days after the date on which the Engineer-in-charge issues written orders to commence the work.
- 2- No two or more concerns in which an individual is interested as a Proprietor and /or a partner shall tender for the execution of the same works, if they dose all such tenders shall be liable to be rejected.
- 3- The **MGR – (FCX)** shall be the Accepting Officer hereinafter refers to as such for the purpose of this contract.
- 4- Tender documents consisting of plans, specifications, Schedule (s) of quantity of the various classes of work to be done, the conditions of contract and other necessary documents will be open for inspection at factory civil office from **11/07/2015 to 03/08/2015** between 9 am to 3 pm.
- 5- Tenderers are advised to inspect and examine the site and its surroundings and subsoil (so far as it is practicable), the form and nature of the site, the means of access to the site the accommodation they may be require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or effect their tender. A tenderer shall be deemed to have full knowledge of the site, whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.

- 6-** Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plants etc will be issued to him by the company corporation and local conditions & other factors bearing on the execution of the works.
- 7-** A tenderer should quote in figures as well as in word rate (s) tendered. Special care in figures only in such a way that interpolation is not possible. The total amount shall be written both in figures and in words. In case of figures the words Rs should be written before the figure of rupees and the words. 'Paisa" after the decimal figures e.g. Rs 2.15 and in case of words, the words 'Rupees' should precede and the words 'paisa' should be written at the end. Unless the rate is in whole rupees and followed by the word 'only " it should invariably be upto two places of decimal.
- 8-** The work shall be awarded to the overall lowest bidder. The quantities mentioned in the tender shall be used for comparative statement calculation and award of work. The actual quantities can vary during the course of the contract.
- 9-** The tender shall be accompanied by earnest money (unless exempted from depositing it) of **Rs (40,000/-)** in BHEL cash receipt (as permissible under Income Tax Act) pay order or Demand draft only in favour of BHEL Jhansi. The contractors who have deposited one time EMD as per BHEL system are eligible to participate. However they must prudence certificate of deposit one time EMD is valid for the duration of the contract.
- 10-**On acceptance of tender earnest money will be treated as part of the security if applicable.
- 11-**Bharat Heavy Electricals Ltd. Jhansi will return the earnest money, where applicable, to every unsuccessful tendered on the request of the tendered and after award of work to now successful bidder.
- 12-**A tenderer shall submit the tender which satisfies each and every essential condition laid down in this notice, failing which the tender will be liable to be rejected.
- 13-**The Bharat Heavy Electricals Ltd. Jhansi reserve to themselves the right of accepting the whole or any part of the tender and tenderer shall be bound to perform the same at his quoted rates.
- 14-**Sales Tax or any other tax on materials in respect of this contract if applicable shall be payable by the contractor and the company /corporate on will not entertain any claim what so ever in this respect.
- 15-**This notice of tender shall form part of the contract documents.
- 16-**Income Tax shall be recovered as per the applicable laws, from the contractor's bills.
- 17-**Failure to comply with any of the above conditions can result in termination of the contract, forfeiture of the security deposit, Penalty as may be decided and future blacklisting.
- 18-**In case more than one contractor quote the L1 (Lowest and technically accepted) rates, the work may be awarded through draw of lottery.

The contractor must go through the below important information before quoting.

1	SCHEDULE A	List of material issue to the contractor
2	SCHEDULE B	List of Tools and Plant issue to the contractor
3	SCHEDULE C	Special conditions
4	SCHEDULE D	Lead statement
5	SCHEDULE E	Reference to general condition of contract

General Conditions of contract including Contractor's labour Regulation, Model Rules for labour Welfare and Safety Code appended to these conditions.

DECLARATION

I/We hereby tender for the execution of the works referred to in the aforesaid documents upon the terms and conditions contained or referred to therein and in accordance in all respects with the specifications, designs, drawings and other relevant details at the rates contained in schedule G.

The rates offered in price bid may be fixed under the terms and conditions of the contract and within the period (s) of completion as stipulated in Schedule "F".

In consideration of I / We being invited to tender , I / We agree to keep the tender open for acceptance for Ninety (90) days from the due date of submission there of and not to make any modifications in its terms and conditions which are not acceptable to the Company/Corporation .

A cash of **Rs. (40,000)** is hereby forwarded in BHEL Cash receipt Pay order or demand draft only as earnest money. If /we fail to keep the tender open as aforesaid or make any modifications in the terms and conditions of the tender which are not acceptable to Company/Corporation. I/we agree that the Company /Corporation shall, without prejudice to any other right or remedy, be at liberty to forfeit 100 % of the said earnest money absolutely. Should this tender be accepted, I/we hereby agree to abide by and fulfill all the terms, conditions and provision aforesaid documents.

If, after the tender is accepted, I/we fail to commence the execution of the works as provided in the Conditions, I / We agree that the Company / Corporation shall, without prejudice to any other right or remedy: be at liberty to forfeit the said earnest money absolutely.

SCHEDULE "A"**MATERIALS FOR ISSUE TO THE CONTRACTOR**

SNo.	Particulars	Rs	Quantity
1	Cement in 50 kg (bag)	200/-	as per requirement
2	Structural steel for fabrication work	Free of cost	BHEL Store

Note :- In addition to above mentioned rates, sales tax shall also be payable by Vendor at applicable rates.

SCHEDULE "B"

TOOLS, PLANT AND BUILDING TO BE HIRED TO THE CONTRACTOR, Subject to their availability on chargeable basis. Charges shall be as per BHEL'S norms.

Sl. No.	T & P	Rates
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SCHEDULE "C"**SPECIAL CONDITIONS OF CONTRACT**

1. The BHEL General Conditions of contract shall an integral part of this contract. (The BHEL General condition of contract may be seen in civil Office)
2. The Special Conditions of Contract (SCC) shall have overriding priority over General Conditions of Contract (GCC). Whenever there is any contradiction between the GCC and SCC, the SCC shall be treated as final.
3. The following General Conditions of Contract shall not be applicable; they shall be treated as deleted: 9(d), 34.A.2, 34.A.3, 34.A.4, 34.A.5, 34.A.6, 34.A.7, 34.A.8, 34.A.9, 34.A.10, 34.A.11, 34.A.12, 51.1 (b), 51.2, 51.3, 52.1, 53(b).2, 53(c), 53(d), 53(e), 53(e).1.
4. The contractor shall take necessary precautions for the safety of his workmen.
5. The contractor shall take proper care to avoid any damage to BHEL property. If any damage does take place, the contractor will be fully responsible for the same .The decision of Engineer in charge is such case shall be final and binding on contractor.
6. The contractor will follow all safety rules required in connection with execution of such type of works.
7. The contractor shall make his own arrangement for his residing the supervisor near by the township for execution/interest of work. If available the BHEL can provide the accommodation at commercial rent (electric charger and water charge extra) as per rule.
8. The workers should be trained enough for the work and should be engaged on approval of the engineer -in charge.
9. The contractor is advised to take insurance policy to cover accident risk under Workmen's Compensation Act in respect of workmen engaged by him.

10. The contractor shall be wholly responsible for the behavior of his workmen with the office staff and with the residents of the township.
11. Contractor will have to ensure that the work places are entirely cleaned
12. In case any time contractor fails to arrange the work BHEL will deduct the expenses to make alternate arrangement for the same.
13. **EXECUTION OF CONTRACT**
 - 13.1. The successful Tenderer's responsibility under this contract commences from the date of issue of the Letter of Intent by Bharat Heavy Electrical Limited. The successful tenderer shall be required to execute a contract in the "prescribed form" as per GCC with BHEL within 15 days after the acceptance of his tender and in any case before the commencement of work. The expenses for completion and stamping and registration of the agreement with prescribed authority, if necessary shall be borne by the Contractor.
 - 13.2. The contractor shall commence the work within the time indicated in the Letter of intent and shall proceed with the same with due expedition without delay.
 - 13.3. If the successful tenderer fails to commence the work within the stipulated time, BHEL, at its sole discretion, will have the right to cancel the contract. His Earnest money and/or Security Deposit will stand forfeited without any further reference to him without prejudice to any and all of BHEL's other rights and remedies in this regard.
 - 13.4. All the works shall be carried out under the direction and to the satisfaction of BHEL.
14. Work shall be carried throughout work period (contract period) without interruptions due to any Sunday /holiday round the clock and contractor has to make suitable arrangement for the same without any extra compensation.
15. The payment shall be made on the basis of measurement only as per unit given in schedule the contractor or his supervisor /authorized person maintained a register and entry the work/measurement immediately and verified daily/after the work by BHEL supervisor.
16. **MEASUREMENT OF WORK AND MODE OF PAYMENT**
 - 16.1. All payments will be made as per "Price Schedule" only after completion of that work. The same will be entered in measurement Book as running account (RA bill) & both the parties will sign in that.
 - 16.2. All recoveries due from the contractor for the month/period shall be affected in full from Corresponding running bills unless specific approval from competent authority is obtained to the contrary. The recoveries could be Income Tax, Stamp duty on S.D etc.
 - 16.3. Measurement shall be restricted to that quantity for which it is required to ascertain the financial liability of BHEL under this contract.
 - 16.4. The contractor shall bear the expenditure involved if any, in meeting requirements. The contractor shall, provide all the assistance with appliances and other thing necessary for Measurement or re-measurement.
 - 16.5. Passing of bills covered by such measurement does not amount to acceptance by BHEL of the completion of the work measured. Any left out work has to be completed by the Contractor, as directed.
 - 16.6. Final measurement bill shall be prepared in the Performa prescribed for the purpose, based on the certificate issued by the Engineer that the entire work as stipulated in the tender Specifications has been completed in all respect to the entire satisfaction of BHEL. The Contractor shall give unqualified 'No claim' and 'no demand' certificate. The abstract of final quantities and financial values shall

also be entered in the measurement book and signed by both the parties. The final bill shall be paid within a reasonable time after completion of the work. After the payment of final bill, only the guarantee obligation percentage value shall remain unpaid, which will be released as per GCC.

NOTE: - Normally it takes approximately 60 days for the payments to be released by BHEL after recording the measurements.

17. The quantity of each item has been mentioned in the tender on tentative. The actual quantity will be as per work given. The quantity may be variate as per requirement. The contract may be awarded on overall lowest basis only.
18. Contractor engaged in construction and maintenance work shall register his firm at Zila Panchayat and obtain license/registration no. from competent authority. Contractor shall provide license /registration no. to BHEL Jhansi before commencing the work.

SPECIAL CONDITIONS OF CONTRACT FOR CIVIL WORK

19. Test certificate for all materials to be made available by the contractor as per direction of Engineer-in –charge including strength of concrete cubes, bricks, aggregates. And any other materials provided by contractor.
20. **Cement wastage @ 2%** of total issued quantity shall be permissible. Beyond this recovery shall be made at double the issue rate for cement.
21. Water charges will be deducted @ 1% of gross value of the bill.
22. Structural steel wastage /scrap shall be permissible upto 2% of total quantity of issued quantity. The wastage /scrap steel must be return by contract for reconciliation of steel. Wastage scrap beyond 2% will deducted @ Rs.66 per kg.
23. The works have to be carried out as per CPWD specifications 2012 (or latest), Wherever CPWD specifications are silent, and the work shall carry out as per BIS specifications. In case of defective BHEL will have full right to reject the work or part there of. Such defective work if any, will have to be rectified at contractor's cost. The opinion of Engineer in charge shall be final in this matter. If the defective work is allowed to stand BHEL shall have the absolute right to reduce the rates for such items and the contractor shall have no claims over such defective work allowed on reduced rates.
24. The contractor shall have to make his own storage sheds for materials to be issued by BHEL. If Deemed necessary by engineer in charge, the contractor shall make separate store for cement with double lock system. The empty cement bags shall be stocked at one place and at least 90 % of them shall be returned to BHEL at BHEL stores in good condition without any payment Therefore. **If the total quantity of 90% empty cement bags is not returned by the contractor, the same will be recovered at the rate of Rs 3/- per bag from the bills.**

COMPENSATION FOR DELAY (L D CLAUSE)

25. If the contractor fails to maintain the required progress as per contract or to complete the work and clear the site on or before the contract. Or extended date – period of completion, he shall, without prejudice to any other sight or remedy of the company/ corporation on account of such breach, pay as agreed compensation amount calculated as stipulated below or such smaller amount as may be fixed by the authority on the contract value of the work for every week that the progress remains below that specified in condition 14 or that the work remains incomplete.

This will also apply to items and groups of items for which separate period of completion has been specified.

Completion period (as originally stipulated)

- Not exceeding 6 months.
- Exceeding 6 months and not exceeding 2 years
- Exceeding 2 years

25.1 Provided always that the total amount of compensation for delay to be paid under the condition shall not exceed the under-noted percentage of the contract value or of the contract value of the item or group of item of work for which a separate period of completion is given.

Completion period (as originally stipulated)

- Not exceeding 6 months.
- Exceeding 6 months and not exceeding 2 years
- Exceeding 2 years

25.2 The amount of compensation may be adjusted or setoff against any sum payable to the contractor under this or any other contract with the company/ corporation.

SCHEDULE " D "**LEAD STATE MENT**

S NO	Name of Material	Name of source	Lead particulars
1	Nil	-	-

RETURN OF SECURITY DEPOSIT

If the contractor fully performs and completes the works in all respects to the entire satisfaction of BHEL and presents an absolute "No Demand Certificate" in the prescribed form and return properties belonging to BHEL taken, borrowed or hired by him for carrying out the said works, half the amount of Security Deposit will be released to the contractor after deducting all costs, expenses and other amounts that are to be paid to BHEL under this or other contracts entered into with the contractor along with payment of final bill. It may be noted that in no case the Security Deposit shall be refunded / released prior to passing of final bill. Additionally, the contractor is required to submit documentary proof of payment of all dues including PF, ESI contribution of workers employed for the work and deposit receipts of Service Tax, prior to release of Security Deposit.

The remaining half of the security deposit shall be retained upto the completion of defect liability period plus additional three months claim period.

SCHEDULE "E"**Reference to general condition of contract**

Condition No.		
3(b)	Accepting Authority	MGR – (FCX)
3 (i)	Market Rate percentage addition to cover overheads and profit.	NA
9	Earnest money	Rs. 40,000/-
10(vi)A (b)	Permissible deviation limit for an individual trade item (Applicable to Lump sum Contracts only)	NA
10(vii)A (c)	Permissible deviation limit for items of work not already included in the contract.	NA
11 (vii)B (a)	Permissible deviation limit for an individual trade item.	Upto any extent as per site requirement
12	Suspension of work	
12 (b) (ii)	Percentage payable to cover Contractors indirect expenses for suspension exceeding thirty days and not exceeding 3 months.	NA
(C)	Percentage payable to cover Contractor's indirect expenses for suspension exceeding 3 months.	NA
13	Time allowed for execution of work	One Year
13 (h)	Authority competent to decide if "any other cause ' of delay is beyond Contractor's Control.	MGR – Civil (FCX)
32	Authority competent to reduce compensation amount	MGR – Civil (FCX)
33	Defects liability period.	One year
57	Authority for appointing arbitrator	Unit Head

Annexure "1" गेट पास आवेदन प्रपत्र

(टेकेदार के कर्मचारियों/आपूर्तिकर्ताओं/कोरियर सेवा कर्म0 आदि के उपयोग हेतु)

1. टेकेदार का नाम
2. कार्य का स्वरूप
3. कार्य आदेश सं./दिनांक
4. कार्य आदेश अवधि
5. कार्य स्थल (विभाग)
6. गेट का नाम जिससे प्रवेश /वर्हिगन होगा
7. कर्मचारी की ड्यूटी का समय

संविदा श्रमिक का व्यक्तिगत विवरण

(एक से अधिक संविदा श्रमिकों के आवेदन हेतु अलग से सूची संलग्न करें)

संविदा श्रमिक का नामजन्म तिथि/आयु.....

पिता का नाम पहचान चिन्ह

स्थायी पतावर्तमान पता.....

शैक्षिक योग्यता

भविष्य निधि खाता संख्याकर्मचारी रा.बी निगम खाता सं.....

(संविदा श्रमिक के हस्ताक्षर/दिनांक)

कारखाना प्रबन्धक /शॉप प्रभारी के हस्ताक्षर
(दिनांक एवं मोहर सहित)टेकेदार या उसके सुपरवाइजर के हस्ताक्षर
(दिनांक एवं मोहर सहित)

आवंटित गेट पास सं0..... दिनांकहस्ताक्षर आवंटनकर्ता.....

विभागाध्यक्ष – मा.सं./सं.श्र.प्र. प्रभारी के हस्ताक्षर
(दिनांक एवं मोहर सहित)के0औ0सु0ब0 द्वारा भरने के लिए

पासों के विचाराधीन रहने तकसे.....तक श्री

नियोजकको कारखाने में प्रवेश हेतु अनुमति दी जाती है।

पास संख्याजारी होने की तिथि से दिनांकतक ही वैध होगी तथा प्रत्येक माह / तीन के पश्चात 25 तारीख को के0 औ0 सु0 बल द्वारा नवीनीकृत किया जायेगा।

हस्ताक्षर उप कमान्डेन्ट के0 औ0 सु0 ब0 इकाई

बी0 एच0 ई0 एल0 झॉसी (उ0 प्र0)

Annexure "II"

FORM XIV

(See Rule 76)

Employment Card

Name and address of contractor

Nature of work and location of work

Name and address of Establishment

In/ under which contract is carried on

Name and address of Principal

Employer

1- Name of the workmen :.....

2- Serial no. In the register of
Workmen employed

3. Nature of employment / designation

4. Wage rate with particulars of unit
In case of Piece – work.

5. Wage Period

6. Tenure of employment

Remark

Annexure "III"

FORM XIII

(See Rule 75)

Register of workmen employed by contractor

Name and address of contractor

Nature of work and location of work

Name and address of Establishment

In/ under which contract is carried on

Name and address of Principal

S.No.	Name and surname of workman	Age and sex	Father's Husband's Name	Nature of employment / designation	Permanent home address of workmen (village and tehsil) and taluk and district	Local addresses	Date of commencement of employment	Signature of thumb impression of workmen	Date of termination of employment	Reasons for termination	Remark
1	2	3	4	5	6	7	8	9	10	11	12

Annexure "IV"

STATEMENT OF THE CONTRACTOR FOR THE MONTH OF _____ 20____

WORK ORDER NO-----

CONTRACTING DEPARTMENT-----

CONTRACTOR NAME-----

S.NO	NAME OF WORKER	CA T.	NORMA L DAYS	OT DAYS	GRO SS WAG ES	EMPLOYEES CONTRIBUTION DEDUCTION		OTHER DEDUCTI ON	TOTAL RECOV ERY	NET PAY ABL E	EMPLOYER'S CONTRIBUTIO N	
						PF 12%	ESI 1.75 %				PF 13.36%	ESI 4.75 %
1.												
2.												
3.												
4.												
5.												
6.												
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27												
28												
29												
30												
31												

SIGNATURE OF THE CONTRACTOR

MEASUREMENT OF WORK AND PAYMENTS THEREOF.

1. The designated officer of the Unit will periodically inspect the Work being provided by the contractor and find out deficiencies. The contractor shall rectify the same immediately to the satisfaction of the designated officer.

S. No	Ref: DSR 2012	Description of Items	Unit	Qty
1	1.1.1/62	Carriage of building rubbish	M3	50.00
2	1.1.2/62	Carriage of Earth up 1 km .	Cum	25.00
3	2.6.1/72	Earth work in excavation	Cum	65.00
4	2.10.1.2/73	Excavation trenches for pipe 80 mm	M	26.00
5	2.25/75	Filling available excavated earth	Cum	40.00
6	2.31/75	Clearing Jungle including vegetation	100M2	16.00
7	2.33.1/76	Felling of tree of the girth	Nos	25.00
8	4.1.3/85	P/laying in PCC -1:2:4	Cum	25.00
9	4.1.6/85	CC 1:3:6 (40 mm coarse aggregate)	Cum	13.00
10	4.1.8/85	P/laying in PCC -1:4:8	Cum	7.00
11	5.1.3/96	P/L reinforced cement concrete 1:2:4	Cum	20.00
12	5.3/96	RCC work beams,	Cum	9.00
13	5.9.1/97	Centering and shuttering including	Sqm	60.00
14	5.9.3/97	C / shuttering including strutting,	Sqm	40.00
15	5.22.6/99	Reinforcement for R.C.C. work	Kg	710.00
16	5.24/100	Extra for rendering smooth the top	Sqm	40.00
17	6.1.2/109	Brick work upto plinth	Cum	10.00
18	6.4.2/109	Brick work above plinth	Cum	45.00
19	6.8/109	Brick work 7 cm thick with	Cum	7.00
20	6.13.2/110	Half brick masonry	Sqm	15.00
21	7.1.1/119	R.R. Masonry with hard stone	Cum	13.00
22	9.21.1/151	P/F ISI marked flush door shutters	Sqm	45.00
23	9.95.4/159	P/Fixing Aluminium hinges	each	15.00
24	9.97.3/159	P/F lower bolt 200mm aluminium	each	15.00
25	9.101.1/160	Providing & fixing door stopper	each	15.00
26	11.1.2/187	Brick on edge flooring with	Sqm	32.00
27	11.2/187	Brick on edge flooring with dry bricks	M2	15.00
28	11.3.1/187	Cement concrete flooring 1;2;4 (40mm flooring)	Sqm	65.00
29	11.4/187	52 mm th cement concrete flooring	Sq mtr	50.00
30	11.36/192	Ceramic glazed wall tiles	Sqm	39.00
31	11.37/192	Ceramic glazed floor tiles 300 x300 mm	Sqm	35.00
32	11.41.2/193	Vitrified floor tiles in different sizes	Sqm	25.00
33	11.42/193	Deduct 20mm th cement mortar	Sqm	25.00
34	11.43/193	Glazed/ Ceramic/Vitrified floor tiles	Sqm	50.00

35	13.1.2/222	Plaster -12 mm 1:6	Sqm	200.00
36	13.2.2/222	Plaster -15 mm 1:6	Sqm	200.00
37	13.3.2/222	20 mm(1:6) Plaster	M2	25.00
38	13.8.2/222	15 mm Plaster with punning	M2	25.00
39	13.26/224	P/applying plaster of paris putty	Sqm	80.00
40	13.37.1/225	White washing with lime New work	Sqm	130.00
41	13.39.1/225	Colour washing such as green, blue	Sqm	155.00
42	13.41.1/225	Distempering with oil bound	Sqm	80.00
43	13.43.1/225	Applying one coat of cement primer	Sqm	25.00
44	13.44.1/225	Finishing walls with water proofing on bricks	M2	130.00
45	13.60.1/227	Wall painting with plastic emulsion paint	Sqm	65.00
46	13.62.1/227	Painting with synthetic enamel paint	Sqm	60.00
47	15.2.1/248	Dismantling of C.C.(1:3:6) on richer	M3	10.00
48	15.2.2/248	Demolishing of cement concrete 1:4:8	M	10.00
49	15.3/248	Dismantling of RCC	M3	10.00
50	15.7.4/248	Demolishing brick work manually	Cum	10.00
51	15.9.2/248	Demolishing of stone masonry	M3	10.00
52	15.12.1/249	Dismantling doors, windows	Each	13.00
53	15.56/253	Dismantling old plaster and cleaning	Sqm	40.00
54	16.53/270	Providing and fixing concertina coil	mtr	125.00
55	17.1.1/287	water closet squatting pan	Nos	5.00
56	17.2.1/287	white vitreous china pedestal type	Nos	5.00
57	17.4.2/287	White vitreous china flat back two urinal basins	Nos	5.00
58	17.4.3/287	P/F three urinal basins 10litre automatic flushing cistern.	Nos	5.00
59	17.7.2/288	Wash basin 15mm C.P brass pillar	Nos	6.00
60	17.31/291	600x450 mm edge mirror of superior	Nos	10.00
61	18.12.2/314	G.I. pipes complete fittings 20mm	M	32.00
62	18.15.1/315	Brass bib cock of approved 15 mm	Each	15.00
63	19.6.2/336	P/laying: 150 mm dia. R.C.C. pipe.	M	14.00
64	19.6.4/336	P/Fixing RCC pipe 300 dia	M	15.00
65	21.1.1.1/355	P/fixing aluminium work for doors	kg	50.00
66	21.1.2.1/355	P/ fixing aluminium work doors,	kg	45.00
67	21.2.2/355	P/F 12mm thick prelaminated particle board sides.	sq mtr	15.00
68	21.3.1/356	P/F aluminium door, window, ventilator shutters	sq mtr	15.00
69	21.3.2/356	P/F glazing in aluminium door, window,	sq mtr	13.00
70	21.4.1/356	P/F double action hydraulic floor spring.	Nos	8.00
71	21.13/357	P/Fixing Lock 100mm	Nos	13.00

72	21.16.1/358	P/Fixing Aluminium handles	Nos	15.00
73	0020/3	Hiring of Hydraulic Excavator	Day	6.00
74	0039/4	Hiring of tractor trolley with operating staff.	per day	7.00
75	0293/8	Stone aggregate-40mm	Cu meter	18.00
76	0295/8	Stone aggregate-20mm	Cu meter	18.00
77	0297/9	Stone aggregate-10mm	Cu meter	18.00
78	0298/9	Stone aggregate-6mm	Cu meter	15.00
79	0982/16	Coarse sand	Cu meter	30.00
80	0983/16	Fine sand	Cu meter	26.00
81	2602/27	FPS Bricks class designation 7.5	Nos	13000.00
82	7060/31	Hydraulic door closer tubular.	Nos	13.00
83	7385/38	Supply 3mm thick White acrylic plastic	m2	20.00
84	1649/302	Polyethylene water storage tank.	Per litre	1300.00
85	1954/25	Supply of WC seat	each	4.00
86	-----	Any or other item not covered above but covered in DSR 2012	basic value	40000.00

Non schedule items				
S. No		Description of Items	Unit	Qty
87	Ex - 1	Fabrication & erection of steel structure (steel supplied by BHEL) including primer & painting of approved brand (1st quality of Asian /Berger /Nerolac /Shalimar make).	Kg	650
88	Ex - 2	Providing and fixing A.C. Sheets 6 mm thick (1.5 mtr to 3.0 mtr long) complete with Hook, GI washer, Nut, Bitumen washer approved by engineer in charge.	Sqm	80
89	Ex - 3	P/F PVC floor 1.5mm thick as per approved quality, brand and colour by Engineer in charge	Sqm	30
90	Ex - 4	Removal of existing AC Sheet 6mm thick (1.5 mtr to 3.0 mtr long) and making proper staking of serviceable items and disposal of non useable material up to 500 meter lead.	Sqm	35
91	Ex - 5	Refixing of old AC Sheet on labour basis (all material supplied by BHEL)	Sqm	32
92	Ex - 6	Dismantling of Steel structure including cutting lowering etc and making proper staking of serviceable items and disposal of non useable material up to 500 meter	Kg	400
93	Ex - 7	Re-erection of dismantled steel structure including welding ,cutting as per direction of engineer in charge and etc primer & painting of approved brand (1st quality of Asian / Berger / Nerolac / Shalimar make)	Kg	400
94	Ex - 8	Removing of bee hives at 15 mtr height during night hours.	nos	40
95	Ex - 9	Providing and fixing ridges and hips in asbestos cement sheet roofing close fitting adjustable ridges	mtr	30
96	Ex - 10	Providing and fixing aluminium grill over existing aluminium windows inside factory area as per approved sample. (Min.wt. 1.5 kg per sqm). The grill shall be fixed to the aluminium Y channel / any other aluminium section as approved by Engineer - in - Charge (approx x 100 gm per meter) area of window grill to be measured in sq meter.	Sqm	30

97	Ex- 11	Surface Preparation Cleaning of Surface free from dust, dirt, moisture, oil & all foreign material from the floor. For floor cleaning all mechanized equipments are to be used like scrubber, sanders, hot air blowers, vacuum cleaners, moisture test machine etc. Once cleaned, the surface is roughened to prepare the surface for application of epoxy primer	sqm	200
98	Ex - 12	Leveling with epoxy screed - Application of epoxy primer over prepared surface and then filling of cracks, crumbled joints small size damages in the epoxy floor with epoxy mortar having high compressive strength. The epoxy mortar should be so applied so as to achieve level of - 1 mm from adjoining top level of epoxy floor surface. Once the epoxy mortar is applied, the area should be left to dry for minimum 24 hours before final coat of EPU paint is applied	Cum	0.3
99	Ex - 13	EPU Coating - Providing and application of concrete primer on top of epoxy screed. This is followed by Self Leveling PU top coating of specified shade and colour of 1 mm thick with self leveling epoxy material by means of special spike rollers and other tools so as to remove all trapped air bubbles and achieve smooth, glossy and leveled surface	sqm	200

2. The tentative bill of quantity for the work is as follows: -

- 3) Payments will be made to the contractor on the basis of quantity carried out as actual. The amount payable for each item shall be obtained by multiplying the actual quantity carried out by the contract rates for the item. All deductions like cement value, Income Tax, VAT, charges, electricity charges etc shall be made from the Gross Bill amount to arrive at the net amount payable. Service Tax shall be paid extra as applicable
- 4) All payments will be subject to deduction of income tax at source as per Income Tax as per the applicable Rules.
- 5) Measurement Book shall be maintained for the work carried out by the contractor & the same shall be verified by BHEL official, nominated for the same.

PROFORMA FOR SUBMITTING TECHNICAL BID FOR -----

(A) 1 Essential Documents Required

1. Name of the firm/Business : -----

2. Name of the Proprietor/Partners : -----

3. Address and Contact Numbers : -----

4. ESI Code Number : -----

Copy of the ESI Certificate Enclosed / Not Enclosed

5. PAN/TAN Number : -----

6. Service Tax Number(PAN Based) : -----

7. Audited financial statement/BS/

CA Certificate as per tender : Enclosed / Not Enclosed

9. Experience Certificate : Enclosed / Not Enclosed

(Along with copy of work order/LOI)

10. No. of Workers including Supervisors

on the rolls of the firm : -----

11. Earnest Money Deposit : Rs. -----

a) D.D. Number & Date : -----Date-----

b) Drawn on (Bank) : -----

12. Any other relevant information : -----

13. Tender Cost : Rs. _____

D. D. No. /Receipt No : _____

:: 2 :

- 14. Validity of offer : At least 90 days from the date of tender Opening.
- 15. Blank Price bid format : Enclosed/Not Enclosed

(B) Desirable:

- 1. PF Code Number : _____

Copy of the PF Certificate : Enclosed / Not Enclosed

- 2. Income Tax return last 3 yrs. : Enclosed / Not Enclosed
- 3. UP VAT/TIN No. and / or CST No. (Whichever is applicable): Copy of Certificate Enclosed / Not Enclosed
(To be submitted only in case where material transaction is involved)

We will fulfill all the obligations of the contractor and abide by the Terms & Conditions mentioned in the enquiry.

Signature with Name

& Office Seal

Date:

NOTE : TECHNICAL BID AND PRICE BID SHOULD BE SUBMITTED IN SEPARATE SEALED ENVELOPS. IN CASE THE BIDS ARE FOUND IN ONE SINGAL ENVELOPE THEN THE "BIDS" ARE LIABLE TO BE REJECTED.

BLANK PRICE BID

S. No	Ref: DSR 2012	Description of Items	Unit	Qty	Rate DSR	Amount 2012
1	1.1.1/62	Carriage of building rubbish	M3	50.00	66.23	3311.50
2	1.1.2/62	Carriage of Earth up 1 km.	Cum	25.00	82.78	2069.50
3	2.6.1/72	Earth work in excavation	Cum	65.00	129.35	8407.75
4	2.10.1.2/73	Excavation trenches for pipe 80 mm	M	26.00	165.60	4305.60
5	2.25/75	Filling available excavated earth	Cum	40.00	83.80	3352.00
6	2.31/75	Clearing Jungle including vegetation	100M2	16.00	482.00	7712.00
7	2.33.1/76	Felling of tree of the girth	Nos	25.00	148.20	3705.00
8	4.1.3/85	P/laying in PCC -1:2:4	Cum	25.00	4514.05	112851.25
9	4.1.6/85	CC 1:3:6 (40 mm coarse aggregate)	Cum	13.00	3888.20	50546.60
10	4.1.8/85	P/laying in PCC -1:4:8	Cum	7.00	3593.30	25153.10
11	5.1.3/96	P/L reinforced cement concrete 1:2:4	Cum	20.00	4703.90	94078.00
12	5.3/96	RCC work beams,	Cum	9.00	5494.55	49450.95
13	5.9.1/97	Centering and shuttering including	Sqm	60.00	166.90	10014.00
14	5.9.3/97	C / shuttering including strutting,	Sqm	40.00	311.20	12448.00
15	5.22.6/99	Reinforcement for R.C.C. work	Kg	710.00	62.25	44197.50
16	5.24/100	Extra for rendering smooth the top	Sqm	40.00	70.85	2834.00
17	6.1.2/109	Brick work upto plinth	Cum	10.00	3316.55	33165.50
18	6.4.2/109	Brick work above plinth	Cum	45.00	3876.15	174426.75
19	6.8/109	Brick work 7 cm thick with	Cum	7.00	372.00	2604.00
20	6.13.2/110	Half brick masonry	Sqm	15.00	476.85	7152.75
21	7.1.1/119	R.R. Masonry with hard stone	Cum	13.00	3059.20	39769.60
22	9.21.1/151	P/F ISI marked flush door shutters	Sqm	45.00	1578.30	71023.50
23	9.95.4/159	P/Fixing Aluminium hinges	each	15.00	82.50	1237.50
24	9.97.3/159	P/F lower bolt 200mm aluminium	each	15.00	71.05	1065.75
25	9.101.1/160	Providing & fixing door stopper	each	15.00	28.60	429.00
26	11.1.2/187	Brick on edge flooring with	Sqm	32.00	455.90	14588.80
27	11.2/187	Brick on edge flooring with dry bricks	M2	15.00	339.55	5093.25
28	11.3.1/187	Cement concrete flooring 1;2;4 (40mm flooring)	Sqm	65.00	280.05	18203.25
29	11.4/187	52 mm th cement concrete flooring	Sq mtr	50.00	420.50	21025.00
30	11.36/192	Ceramic glazed wall tiles	Sqm	39.00	724.25	28245.75
31	11.37/192	Ceramic glazed floor tiles 300 x300 mm	Sqm	35.00	764.55	26759.25
32	11.41.2/193	Vitrified floor tiles in different sizes	Sqm	25.00	1337.10	33427.50
33	11.42/193	Deduct 20mm th cement mortar	Sqm	25.00	-360.15	-9003.75
34	11.43/193	Glazed/ Ceramic/Vitrified floor tiles	Sqm	50.00	336.75	16837.50
35	13.1.2/222	Plaster -12 mm 1:6	Sqm	200.00	112.50	22500.00

36	13.2.2/222	Plaster -15 mm 1:6	Sqm	200.00	130.20	26040.00
37	13.3.2/222	20 mm(1:6) Plaster	M2	25.00	156.15	3903.75
38	13.8.2/222	15 mm Plaster with punning	M2	25.00	173.30	4332.50
39	13.26/224	P/applying plaster of paris putty	Sqm	80.00	83.80	6704.00
40	13.37.1/225	White washing with lime New work	Sqm	130.00	11.75	1527.50
41	13.39.1/225	Colour washing such as green, blue	Sqm	155.00	16.15	2503.25
42	13.41.1/225	Distempering with oil bound distemper	Sqm	80.00	66.70	5336.00
43	13.43.1/225	Applying one coat of cement primer	Sqm	25.00	27.55	688.75
44	13.44.1/225	Finishing walls with water proofing on bricks	M2	130.00	44.95	5843.50
45	13.60.1/227	Wall painting with plastic emulsion paint	Sqm	65.00	60.25	3916.25
46	13.62.1/227	Painting with synthetic enamel paint	Sqm	60.00	78.80	4728.00
47	15.2.1/248	Dismantling of C.C.(1:3:6) on richer	M3	10.00	671.05	6710.50
48	15.2.2/248	Demolishing of cement concrete 1:4:8	M	10.00	413.65	4136.50
49	15.3/248	Dismantling of RCC	M3	10.00	978.95	9789.50
50	15.7.4/248	Demolishing brick work manually	Cum	10.00	566.60	5666.00
51	15.9.2/248	Demolishing of stone masonry	M3	10.00	676.05	6760.50
52	15.12.1/249	Dismantling doors, windows	Each	13.00	101.70	1322.10
53	15.56/253	Dismantling old plaster and cleaning	Sqm	40.00	15.00	600.00
54	16.53/270	Providing and fixing concertina coil	mtr	125.00	269.20	33650.00
55	17.1.1/287	water closet squatting pan	Nos	5.00	2964.10	14820.50
56	17.2.1/287	white vitreous china pedestal type	Nos	5.00	2885.10	14425.50
57	17.4.2/287	White vitreous china flat back two urinal basins	Nos	5.00	4652.80	23264.00
58	17.4.3/287	P/F three urinal basins 10litre automatic flushing cistern.	Nos	5.00	6229.90	31149.50
59	17.7.2/288	Wash basin 15mm C.P brass pillar	Nos	6.00	1628.95	9773.70
60	17.31/291	600x450 mm edge mirror of superior	Nos	10.00	674.05	6740.50
61	18.12.2/314	G.I. pipes complete fittings 20mm	M	32.00	161.25	5160.00
62	18.15.1/315	Brass bib cock of approved 15 mm	Each	15.00	205.60	3084.00
63	19.6.2/336	P/laying : 150 mm dia. R.C.C. pipe .	M	14.00	254.50	3563.00
64	19.6.4/336	P/Fixing RCC pipe 300 dia	M	15.00	422.90	6343.50
65	21.1.1.1/35 5	P/fixing aluminium work for doors	kg	50.00	358.30	17915.00

BHEL - JHANSI

TENDER DOCUMENT

TENDER NO. FCX/TE/05/05/R

DATE;-10/07/2015

66	21.1.2.1/355	P/ fixing aluminium work for doors,	kg	45.00	406.50	18292.50
67	21.2.2/355	P/F 12mm thick prelaminate particle board sides.	sq mtr	15.00	969.95	14549.25
68	21.3.1/356	P/F aluminium door, window, ventilator shutters	sq mtr	15.00	725.35	10880.25
69	21.3.2/356	P/F glazing in aluminium door, window,	sq mtr	13.00	905.75	11774.75
70	21.4.1/356	P/F double action hydraulic floor spring.	Nos	8.00	1953.10	15624.80
71	21.13/357	P/Fixing Lock 100mm	Nos	13.00	356.10	4629.30
72	21.16.1/358	P/Fixing Aluminium handles	Nos	15.00	60.95	914.25
73	0020/3	Hiring of Hydraulic Excavator	Day	6.00	7500.00	45000.00
74	0039/4	Hiring of tractor trolley with operating staff	per day	7.00	1350.00	9450.00
75	0293/8	Stone aggregate-40mm	Cu meter	18.00	950.00	17100.00
76	0295/8	Stone aggregate-20mm	Cu meter	18.00	1050.00	18900.00
77	0297/9	Stone aggregate-10mm	Cu meter	18.00	1050.00	18900.00
78	0298/9	Stone aggregate-6mm	Cu meter	15.00	1100.00	16500.00
79	0982/16	Coarse sand	Cu meter	30.00	1120.00	33600.00
80	0983/16	Fine sand	Cu meter	26.00	640.00	16640.00
81	2602/27	FPS Bricks class designation 7.5	Nos	13000.00	2.90	37700.00
82	7060/31	Hydraulic door closer tubular.	Nos	13.00	810.00	10530.00
83	7385/38	Supply 3mm thick White acrylic plastic	m2	20.00	570.00	11400.00
84	1649/302	Polyethylene water storage tank.	Per litre	1300.00	4.45	5785.00
85	1954/25	Supply of WC seat	each	4.00	750.00	3000.00
86	-----	Any or other item not covered above but covered in DSR 2012	basic value	40000.00	1.00	40000.00
		Total 'A1' (1 no item to 86 item)			Rs	1574555.55
		-----% Below 'A2' DSR 2012			Rs	
		Sub Total 'A' (A1 –A2)			Rs	

I/We agree with the above
Signature of contractor with Seal

Executive In-Charge

Non Schedule item

S. No		Description of Items	Unit	Qty	Rate	Amount
87	Ex - 1	Fabrication & erection of steel structure (steel supplied by BHEL) including primer & painting of approved brand (1st quality of Asian /Berger /Nerolac /Shalimar make).	Kg	650	11.55	7507.5
88	Ex - 2	Providing and fixing A.C. Sheets 6mm thick (1.5 mtr to 3.0 mtr long) complete with Hook, GI washer Nut, Bitumen washer approved by engineer incharge.	Sqm	80	285.60	22848
89	Ex - 3	P/F PVC floor 1.5mm thick as per approved quality, brand and colour by Engineer in charge	Sqm	30	551.25	16537.5
90	Ex - 4	Removal of existing AC Sheet 6mm thick (1.5 mtr to 3.0 mtr long) and making proper staking of serviceable items and disposal of non useable material up to 500 meter lead.	Sqm	35	5.25	183.75
91	Ex - 5	Refixing of old AC Sheet on labour basis (all material supplied by BHEL)	Sqm	32	21.00	672
92	Ex - 6	Dismantling of Steel structure including cutting lowering etc and making proper staking of serviceable items and disposal of non useable material up to 500 meter lead.	Kg	400	7.35	2940
93	Ex - 7	Re-erection of dismantled steel structure including welding ,cutting as per direction of engineer in charge and etc primer & painting of approved brand (1st quality of Asian / Berger / Nerolac / Shalimar make) .	Kg	400	9.45	3780

94	Ex - 8	Removing of bee hives at 15 mtr height during night hours.	nos	40	210.00	8400
95	Ex - 9	Providing and fixing ridges and hips in asbestos cement sheet roofing close fitting adjustable ridges	mtr	30	294.00	8820
96	Ex - 10	Providing and fixing aluminium grill over existing aluminium windows inside factory area as per approved sample. (Min.wt. 1.5 kg per sqm). The grill shall be fixed to the aluminium Y channel / any other aluminium section as approved by Engineer - in - Charge (approx x 100 gm per meter) area of window grill to be measured in sq meter.	Sqm	30	1533.00	45990
97	Ex- 11	Surface Preparation Cleaning of Surface free from dust, dirt, moisture, oil & all foreign material from the floor. For floor cleaning all mechanized equipments are to be used like scrubber, sanders, hot air blowers, vacuum cleaners, moisture test machine etc. Once cleaned, the surface is roughened to prepare the surface for application of epoxy primer	sqm	200	100.00	20000
98	Ex - 12	Leveling with epoxy screed- Application of epoxy primer over prepared surface and then filling of cracks, crumbled joints small size damages in the epoxy floor with epoxy mortar having high compressive strength. The epoxy mortar should be so applied so as to achieve level of - 1 mm from adjoining top level of epoxy floor surface. Once the epoxy mortaris applied, the area should be left to dry for minimum 24 hours before final coat of EPU paint is applied	Cum	0.3	170000.0 0	51000

99	Ex - 13	EPU Coating - Providing and application of concrete primer on top of epoxy screed. This is followed by Self Leveling PU top coating of specified shade and colour of 1 mm thick with self leveling epoxy material by means of special spike rollers and other tools so as to remove all trapped air bubbles and achieve smooth, glossy and leveled surface	sqm	200	600.00	120000
		Sub Total 'B1'			Rs	308678.75
		-----% Above / Below	'B2'		Rs	
		Total 'B' (B1 ± B2)			Rs	
		Grand Total C (A + B)			Rs	
IN WORDS						

Service Tax extra as applicable

Contractor should not offer rates in blank price bid

Annexure "J"

PRICE BID

S. No	Ref: DSR 2012	Description of Items	Unit	Qty	Rate DSR	Amount 2012
1	1.1.1/62	Carriage of building rubbish	M3	50.00	66.23	3311.50
2	1.1.2/62	Carriage of Earth up 1 km.	Cum	25.00	82.78	2069.50
3	2.6.1/72	Earth work in excavation	Cum	65.00	129.35	8407.75
4	2.10.1.2/73	Excavation trenches for pipe 80 mm	M	26.00	165.60	4305.60
5	2.25/75	Filling available excavated earth	Cum	40.00	83.80	3352.00
6	2.31/75	Clearing Jungle including vegetation	100M2	16.00	482.00	7712.00
7	2.33.1/76	Felling of tree of the girth	Nos	25.00	148.20	3705.00
8	4.1.3/85	P/laying in PCC -1:2:4	Cum	25.00	4514.05	112851.25
9	4.1.6/85	CC 1:3:6 (40 mm coarse aggregate)	Cum	13.00	3888.20	50546.60
10	4.1.8/85	P/laying in PCC -1:4:8	Cum	7.00	3593.30	25153.10
11	5.1.3/96	P/L reinforced cement concrete 1:2:4	Cum	20.00	4703.90	94078.00
12	5.3/96	RCC work beams,	Cum	9.00	5494.55	49450.95
13	5.9.1/97	Centering and shuttering including	Sqm	60.00	166.90	10014.00
14	5.9.3/97	C / shuttering including strutting,	Sqm	40.00	311.20	12448.00
15	5.22.6/99	Reinforcement for R.C.C. work	Kg	710.00	62.25	44197.50
16	5.24/100	Extra for rendering smooth the top	Sqm	40.00	70.85	2834.00
17	6.1.2/109	Brick work upto plinth	Cum	10.00	3316.55	33165.50
18	6.4.2/109	Brick work above plinth	Cum	45.00	3876.15	174426.75
19	6.8/109	Brick work 7 cm thick with	Cum	7.00	372.00	2604.00
20	6.13.2/110	Half brick masonry	Sqm	15.00	476.85	7152.75
21	7.1.1/119	R.R. Masonry with hard stone	Cum	13.00	3059.20	39769.60
22	9.21.1/151	P/F ISI marked flush door shutters	Sqm	45.00	1578.30	71023.50
23	9.95.4/159	P/Fixing Aluminium hinges	each	15.00	82.50	1237.50
24	9.97.3/159	P/F lower bolt 200mm aluminium	each	15.00	71.05	1065.75
25	9.101.1/160	Providing & fixing door stopper	each	15.00	28.60	429.00
26	11.1.2/187	Brick on edge flooring with	Sqm	32.00	455.90	14588.80
27	11.2/187	Brick on edge flooring with dry bricks	M2	15.00	339.55	5093.25
28	11.3.1/187	Cement concrete flooring 1;2;4 (40mm flooring)	Sqm	65.00	280.05	18203.25
29	11.4/187	52 mm th cement concrete flooring	Sq mtr	50.00	420.50	21025.00
30	11.36/192	Ceramic glazed wall tiles	Sqm	39.00	724.25	28245.75
31	11.37/192	Ceramic glazed floor tiles 300 x300 mm	Sqm	35.00	764.55	26759.25
32	11.41.2/193	Vitrified floor tiles in different sizes	Sqm	25.00	1337.1	33427.50
33	11.42/193	Deduct 20mm th cement mortar	Sqm	25.00	-360.15	-9003.75
34	11.43/193	Glazed/ Ceramic/Vitrified floor tiles	Sqm	50.00	336.75	16837.50
35	13.1.2/222	Plaster -12 mm 1:6	Sqm	200.00	112.50	22500.00

BHEL - JHANSI**TENDER DOCUMENT****TENDER NO. FCX/TE/05/05/R****DATE;-10/07/2015**

36	13.2.2/222	Plaster -15 mm 1:6	Sqm	200.00	130.20	26040.00
37	13.3.2/222	20 mm(1:6) Plaster	M2	25.00	156.15	3903.75
38	13.8.2/222	15 mm Plaster with punning	M2	25.00	173.30	4332.50
39	13.26/224	P/applying plaster of paris putty	Sqm	80.00	83.80	6704.00
40	13.37.1/225	White washing with lime New work	Sqm	130.00	11.75	1527.50
41	13.39.1/225	Colour washing such as green, blue	Sqm	155.00	16.15	2503.25
42	13.41.1/225	Distemping with oil bound distemper	Sqm	80.00	66.70	5336.00
43	13.43.1/225	Applying one coat of cement primer	Sqm	25.00	27.55	688.75
44	13.44.1/225	Finishing walls with water proofing on bricks	M2	130.00	44.95	5843.50
45	13.60.1/227	Wall painting with plastic emulsion paint	Sqm	65.00	60.25	3916.25
46	13.62.1/227	Painting with synthetic enamel paint	Sqm	60.00	78.80	4728.00
47	15.2.1/248	Dismantling of C.C.(1:3:6) on richer	M3	10.00	671.05	6710.50
48	15.2.2/248	Demolishing of cement concrete 1:4:8	M	10.00	413.65	4136.50
49	15.3/248	Dismantling of RCC	M3	10.00	978.95	9789.50
50	15.7.4/248	Demolishing brick work manually	Cum	10.00	566.60	5666.00
51	15.9.2/248	Demolishing of stone masonry	M3	10.00	676.05	6760.50
52	15.12.1/249	Dismantling doors, windows	Each	13.00	101.70	1322.10
53	15.56/253	Dismantling old plaster and cleaning	Sqm	40.00	15.00	600.00
54	16.53/270	Providing and fixing concertina coil	mtr	125.00	269.20	33650.00
55	17.1.1/287	water closet squatting pan	Nos	5.00	2964.10	14820.50
56	17.2.1/287	white vitreous china pedestal type	Nos	5.00	2885.10	14425.50
57	17.4.2/287	White vitreous china flat back two urinal basins	Nos	5.00	4652.80	23264.00
58	17.4.3/287	P/F three urinal basins 10litre automatic flushing cistern.	Nos	5.00	6229.90	31149.50
59	17.7.2/288	Wash basin 15mm C.P brass pillar	Nos	6.00	1628.95	9773.70
60	17.31/291	600x450 mm edge mirror of superior	Nos	10.00	674.05	6740.50
61	18.12.2/314	G.I. pipes complete fittings 20mm	M	32.00	161.25	5160.00
62	18.15.1/315	Brass bib cock of approved 15 mm	Each	15.00	205.60	3084.00
63	19.6.2/336	P/laying : 150 mm dia. R.C.C. pipe .	M	14.00	254.50	3563.00
64	19.6.4/336	P/Fixing RCC pipe 300 dia	M	15.00	422.90	6343.50
65	21.1.1.1/355	P/fixing aluminium work for doors	kg	50.00	358.30	17915.00

I/We agree with the above
Signature of contractor with Seal

Executive In-Charge

BHEL - JHANSI**TENDER DOCUMENT****TENDER NO. FCX/TE/05/05/R****DATE;-10/07/2015**

66	21.1.2.1/355	P/ fixing aluminium work for doors,	kg	45.00	406.50	18292.50
67	21.2.2/355	P/F 12mm thick prelaminated particle board sides.	sq mtr	15.00	969.95	14549.25
68	21.3.1/356	P/F aluminium door, window, ventilator shutters	sq mtr	15.00	725.35	10880.25
69	21.3.2/356	P/F glazing in aluminium door, window,	sq mtr	13.00	905.75	11774.75
70	21.4.1/356	P/F double action hydraulic floor spring.	Nos	8.00	1953.10	15624.80
71	21.13/357	P/Fixing Lock 100mm	Nos	13.00	356.10	4629.30
72	21.16.1/358	P/Fixing Aluminium handles	Nos	15.00	60.95	914.25
73	0020/3	Hiring of Hydraulic Excavator	Day	6.00	7500.00	45000.00
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85	1954/25	Supply of WC seat	each	4.00	750.00	3000.00
86	-----	Any or other item not covered above but covered in DSR 2012	basic value	40000.00	1.00	40000.00
		Total 'A1' (1 no item to 86 item)			Rs	1574555.55
		-----% Below 'A2' DSR 2012			Rs	
		Sub Total 'A' (A1 –A2)			Rs	

I/We agree with the above
Signature of contractor with Seal

Executive In-Charge

S.No		Description of Items	Unit	Qty	Rate	Amount
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91	Ex - 5	Refixing of old AC Sheet on labour basis (all material supplied by BHEL)	Sqm	32	21.00	672
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93	Ex - 7	Re-erection of dismantled steel structure including welding ,cutting as per direction of engineer in charge and etc primer & painting of approved brand (1st quality of Asian / Berger / Nerolac / Shalimar make) .	Kg	400	9.45	3780
94	Ex - 8	Removing of bee hives at 15 mtr height during night hours.	nos	40	210.00	8400
95	Ex - 9	Providing and fixing ridges and hips in asbestos cement sheet roofing close fitting adjustable ridges	mtr	30	294.00	8820
96	Ex - 10	Providing and fixing aluminium grill over existing aluminium windows inside factory area as per approved sample. (Min.wt. 1.5 kg per sqm). The grill shall be fixed to the aluminium Y channel / any other aluminium section as approved by Engineer - in - Charge (approx x 100 gm per meter) area of window grill to be measured in sq meter.	Sqm	30	1533.00	45990

97	Ex- 11	Surface Preparation Cleaning of Surface free from dust, dirt, moisture, oil & all foreign material from the floor. For floor cleaning all mechanized equipments are to be used like scrubber, sanders, hot air blowers, vacuum cleaners, moisture test machine etc. Once cleaned, the surface is roughened to prepare the surface for application of epoxy primer	sqm	200	100.00	20000
98	Ex - 12	Leveling with epoxy screed-Application of epoxy primer over prepared surface and then filling of cracks, crumbled joints small size damages in the epoxy floor with epoxy mortar having high compressive strength. The epoxy mortar should be so applied so as to achieve level of - 1 mm from adjoining top level of epoxy floor surface. Once the epoxy mortar is applied, the area should be left to dry for minimum 24 hours before final coat of EPU paint is applied	Cum	0.3	170000 .00	51000
99	Ex - 13	EPU Coating - Providing and application of concrete primer on top of epoxy screed. This is followed by Self Leveling PU top coating of specified shade and colour of 1 mm thick with self leveling epoxy material by means of special spike rollers and other tools so as to remove all trapped air bubbles and achieve smooth, glossy and leveled surface	sqm	200	600.00	120000
		Sub Total 'B1'			Rs	308678.75
		-----% Above / Below	'B2'		Rs	
		Total 'B' (B1 ± B2)			Rs	
		Grand Total C (A + B)			Rs	
IN WORDS						

Service Tax extra as applicable

I/We agree with the above
Signature of contractor with Seal

Executive In-Charge