



TENDER DOCUMENT

For Works Contract

For Tender Enquiry No. : **TCX/TW/9/16**

For

“(Modification and repairing work in 1 block of type-2 qtrs. and DC CISF residence.)”

Contact Person:

Name : Anshuman Sharma

Designation : Dy. Mgr(MM-CCC)

Email : anshuman.sharma@bhel.in

PH : 0510 – 241 – 2784

Tender Due Date :11/02/2020 at 13 :15 Hrs
Tender Opening Date : 11/02/2020 at 14 :00 Hrs

Rev	Short details of revision (In case of revision in tender document, otherwise NA
Date:	

Township Civil Department
BHEL, PO: BHEL, Jhansi 284120 (UP)



Bharat Heavy Electricals Limited, Jhansi

Department: Township Civil

Tender Enquiry No: TCX/TW/9/16 date: - 21/01/2020

TD: 2019-20, Rev- 00

DETAILS OF TENDER DOCUMENT

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Nature of work:- Name of Work:- - Modification and repairing work in 1 block of type-2 qtrs. and DC CISF residence.

BHEL JHANSI is in the process of finalizing the Works Contract for **Name of Work:- - Modification and repairing work in 1 block of type-2 qtrs. and DC CISF residence.**

The duly filled in Technical and Price / Rate bids (Annexure I and M, 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. TCX/TW/9/16 DATED 21/01/2020**" should reach us in a sealed cover on or before **11/02/2020 (13.15 hours)** through Registered / Speed post or the same may be dropped in the tender box available at the following address:

To
Tender Box
CISF Control Room/Office
Administrative Building
Bharat Heavy Electricals Limited
Jhansi-284 120. UP

- Note:** 1) Dropping of tender in the Tender Box within schedule time and date is the responsibility of the bidder.
- 2) 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.

Tender Documents

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Annexure -A

NOTICE FOR INVITING TENDER

S. No	Particulars	Details
1	Brief Description of work	Name of Work:- Modification and repairing work in 1 block of type-2 qtrs. and DC CISF residence.
2	Tender Evaluation Criteria	<i>(QR as per Annexure C), Awarding on overall L1 basis</i>
3	Duration of Contract	<i>4 month</i>
4	Last date of Sale of the Tender	<i>Upto 11:00 hrs on 11/02/2020</i>
5	Last date of receipt of the Tender	<i>Upto 13:15 hrs on 11/02/2020</i>
6	Date of opening of Techno – Commercial Bid.	<i>14:00 hrs on 11/02/2020</i>
7	Address for submitting the Tender	Tender Box CISF Control Room/Office Administrative Building
8	Earnest Money Deposit * (EMD)	<i>Rs. 8426.00</i>
9	Cost of Tender	<i>NIL</i>
10	Validity of Offer	<i>120 Days</i>
11	Security Deposit	<i>5 % of Contract value</i>

Note:

The EMD may be accepted only in the following forms:

(i) Electronic Fund Transfer credited in BHEL account (before tender opening)

BHEL account details: Bank Name:- SBI; A/c NO. : - 10670828866; ifs Code:- SBIN0003807
A/c Holder Name:- BHARAT HEAVY ELECTRICALS LIMITED

The Tender cost may be accepted either by credited through **RTGS/NEFT/EFT/IMPS/ECS** or deposited by pos machine in cash section in BHEL ADM Building. The contractors may physically visit the work place before quoting their rates. For relevant details please visit our website "www.bhel.com" & www.bheljhs.co.in

WORK SPECIFICATION/SCOPE OF WORK

DETAILS OF WORK

S.NO	DSR 2016 Ref	Description	Unit	Quantity
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains, All kinds of soil (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	cum	30.00
2	2.9.1	Excavation work by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains, Ordinary rock (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50m.	cum	10.00
3	2.25	Filling available excavated earth in (excluding rock)	cum	40.00
4	2.28.1	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish lead upto 50 m and lift upto 1.5 m for all kinds of soil.	100sqm	10.00
5	4.1.3	P and L in position Cement concrete -1:2:4 (1 Cement: 4 coarse sand: 8 graded stone aggregate 20mm nominal size) excluding the cost of entering and shuttering all work up to plinth level.	cum	5.00
6	4.1.8	P and L in position Cement concrete -1:4:8 (1 Cement: 4 coarse sand: 8 graded stone aggregate 40mm nominal size) excluding the cost of entering and shuttering all work upto plinth level.	cum	15.00
7	4.2.3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc.1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) up to floor five level, excluding the cost of centering, shuttering and finishing	cum	2.00
8	4.1	Providing and laying DPC 40mm thick with cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 12.5mm nominal size).	sqm	40.00
9	4.17	Making plinth protection 50mm thick of cement concrete 1:3:6 (1cement :3 coarse sand : 6graded stone aggregate 20mm nominal size) over 75mm bed by dry brick ballast 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth	sqm	40.00
10	5.2.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3graded stone aggregate 20 mm nominal size)	cum	5.00

11	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	cum	8.00
12	5.9.1	Centering and shuttering including strutting, propping etc. And removal of form for: Foundations, footings, bases of columns, etc. For mass concrete.	sqm	60.00
13	5.9.3	Centering and Shuttering for suspended floors, roofs, landings etc.	sqm	35.00
14	5.9.5	Centering and Shuttering for lintels, beams plinth beams girders etc.	sqm	30.00
15	5.22.6	Reinforcement for RCC including straightening , cutting , bending , placing in position and binding all binding all complete cold twisted bars .	kg	1300.00
16	6.1.2	Brick work with FPS bricks of (II nd class kanpur brick) upto plinth 1:6 (1 cement: 6 fine sand)	cum	5.00
17	6.4.2	Brick work with FPS bricks of (II nd class kanpur brick) in Super structure 1:6 (1 cement : 6 fine sand) upto floor five level	cum	18.00
18	6.13.2	Providing Half Brick masonry in super structure upto floor five level . 1:4 (1 cement :4 coarse sand)	sqm	10.00
19	7.1.1	R.R.Masonry with hard stone in foundation and plinth -1:6(1 cement: 6 coarse sand) including leveling up with cement concrete 1:6;12 (1 cement :6 coarse sand ; 12 graded stone aggregate of 20mm nominal size) .	cum	15.00
20	10.1	Fixing standard steel glazed Doors , windows and , ventilators in walls with 15 x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of 1: 3 : 6 (1 cement : 3 coarse sand and 6 graded stone aggregate 20mm nominal sizes)or with wooden	kg	100.00
21	10.11	Providing and fixing factory made ISI marked steel glazed doors windows and ventilators side /top centre hung with beading and all members such as K11 B and K12 B etc. complete of standard rolled steel sections joints mitred flash butt welded and sash	kg	70.00
22	10.25.2	Steel work welded in builtup sections / Framed work including cutting , hoisting , fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings , frames , guard bar, ladder, railing brackets	kg	50.00
23	11.3.1	Cement concrete flooring 1:2;4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry but excluding the cost of nosing of steps etc complete . 40 mm thick 20 mm nominal size stone aggre	sqm	50.00
24	11.36	P&F Ist quality ceramic glazed wall tiles confirming to Is :15622 (thickness to be specified by the manufacture) of approved make in all colours shades except burgundy, bottle green , black of any size as approved by Engineer- in -Charge in skirting	sqm	60.00
25	11.38	P& L Ceramic glazed glazed floor tiles 300 x300 mm in all colours ,shades except White, Ivory, Grey, Fume Red (thickness to be specified by the manufacturer)of Ist quality confirming to IS :15622 of approved make Brown laid on 20mm thick	sqm	30.00



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26	11.41.2	Providing and laying polished vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorptions less than 0.08 % and confirming to IS :15622 of approved make in all colours and shades , laid on 20 mm thick cem	sqm	5.00
27	13.1.2	Plaster -12 mm thick in 1:6 (1 cement : 6 fine sand)	sqm	250.00
28	13.2.2	Plaster -15 mm thick in 1:6 (1 cement : 6 fine sand)	sqm	250.00
29	15.2.1	Demolishing cement concrete including disposal of material within 50 meter lead (1:3:6)	cum	5.00
30	15.7.4	Demolishing brick work in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meter lead.	cum	5.00
31	All items of DSR 2016 but not covered above.			

QUALIFYING REQUIREMENTS

- 1) **Average Annual financial turnover** during the last 3 years, ending 31st March 2019, should be at least Rs.1.26 Lakh duly audited financial statement/balance sheet/certified by CA to be submitted as supporting documents. If all balance sheet/ financial statement are not available for three years than the average shall be calculated by dividing the sum of turnover of submitted balance sheet/certificate from CA/Financial statement by three.

- 2) **Experience of having of having successfully completed similar works during last 7 years ending “on last day of previous month when tender is uploaded” should be either of the following:-**
 - a. Three similar completed works each costing not less than the amount equal to **Rs. 1.69Lakhs.**
Or
 - b. Two similar completed works each costing not less than the amount equal to **Rs. 2.11 Lakhs.**
Or
 - c. One similar completed work, each costing not less than the amount equal to **Rs. 3.37 Lakhs.**

Similar work means: - All type of civil engineering related works (Construction, maintenance, repairing & modification etc. except Road work.)

- 3) Documentary proof (Execution Certificate/LOI/Work order) for the experience to be submitted along with Technical Bid. In case of experience in Private Sector, relevant TDS Certificate (TRACES Only) must be attached as evidence.
- 4) Documentary proof in support of above eligibility criteria along with EMD shall be submitted along with Techno Commercial Bid at Annexure F.

Other Essential Documents-

- 5) Should have PAN/TAN number. Copy of PAN/TAN to be submitted.
- 6) GST Registration with valid documentary proof
- 7) Should have independent ESI Code number.
- 8) Blank Price Bid (JS 472) as per annexure “G”
- 9) Undertaking duly signed, with seal and stamp of the Bidder, on Stamp Paper of Rs 100 /- as per annexure “V”
EMD.



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Annexure -D

GENERAL TERMS AND CONDITIONS OF ENQUIRY (JHS 2055C R00)

UPLOADED IN SPERATE FILE -PAGE NO 01 TO 14

(To be signed by contractor and submitted along with bid.)



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Annexure -E

SPECIAL CONDITIONS OF CONTRACT FOR WORK

1. **Location of Site** – BHEL Jhansi Township and CISF colony. The contractor is advised to visit the site and meet the officials of TCX department for any clarifications before quoting their rates for the work.
2. **Time allowed for completion of work** – 4 months.
3. **Defect Liability period** – 12 months after completion of W.O. date.
4. **Payment Terms** – Measurement of completed work to be done monthly and bill to be submitted by Contractor to department by 8th of next month. Payment will be done as per GTC Clause (X) (6).
5. **Penalty for delayed work** – **Since this is work of maintenance nature, fixed number of milestone can not be set. The penalty condition will be as follows-**
 - Milestone 1- 1st Milestone 1- 1st month 25 % of contract scope.
Milestone 2- 2nd month 25% of contract scope
Milestone 3 – 3rd month 25 % of contract scope
Milestone 4 – 4th month balance work
 - If contractor fails to ensure above condition, the penalty will be imposed on contractor as per GTC clause no.(X)-4
6. **PVC & ORC - Not applicable**
7. **Taxes & Duties** - The contractor shall submit their offer inclusive of all duties, royalty, entry tax etc except GST. If GST is applicable for the work, the contractor shall claim GST extra as per actual over the quoted price of the work. However the contractor must make payment of GST before claiming the same from BHEL.
8. **Award of work** –The work will be awarded to overall lowest bidder who has submitted the lowest total price for the work
9. **The above contract will be covered under the BHEL CONCILIATION SCHEME, 2018.**
10. **The contractor shall obtain registration from Zila Panchayat registration certificate for every financial year for which the contract is in effect and successful tenderer will submit to department within 15 days of award of work.**
11. Work Inspection shall be done by BHEL representative and payment shall be made on the basis of measurement only as per unit given in schedule. The contractor or his supervisor /authorized person will maintain a register and record the work / measurement immediately and get verified the satisfactory completion of work by BHEL personnel.
12. The contractor will be fully responsible for the preparation of bill and submission to
Engineer-in-charge.
12. *The measurements of completed works and preparation of bill's related procedure will be govern by as per CPWD norms and guidelines. Contractor will comply with all CPWD's Norms, specifications, and guidelines related to work execution and billing.*
13. Final bill shall be prepared within 3 months after successful completion of work 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



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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 (Security deposit) shall remain unpaid, which will be released after completion of defect liability period on submission of no-dues certificate.

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

14. The BHEL General Conditions of contract shall form an integral part of this contract. (The BHEL General condition of contract may be seen in civil Office).
15. 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.
16. 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.
17. The contractor shall take necessary precautions for the safety of his workmen and provide them with all safety equipment like gloves, gum-boots etc as per requirement. BHEL shall not be liable to pay any additional amount on account of any safety equipment / PPE.
18. 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 in such case shall be final and binding on contractor.
19. The contractor will follow all safety rules required in connection with execution of such type of works.
20. The contractor will provide the all safety equipment i.e. safety shoes, safety belt, goggle and all other equipment which are direct related to work execution at own his cost.
21. The workers should be trained enough for the work.
22. No minor worker will be allowed to work.
23. The contractor shall be wholly responsible for the behavior of his workmen with the official staff.
24. **All tools & tackles, ladder & machinery required for the work execution shall be arranged by contractor on his cost.**
25. The contractor will be fully responsible to follow the instruction related to works, given and recorded by department in "Site order Book" and will be signature by him daily against recorded instructions in "Site Order Book "at department.
26. Water will be supplied at one point by BHEL at free of cost. Water charges @ 1 % of gross bill amount shall be recovered
27. Electric power at site will be provided free of cost for concrete work and lighting by BHEL at the written request of the contractor at one point subject to the observance of rules an regulations of Electric board / company free of cost. If it is observed that power is being wasted, BHEL shall have the right to recover cost of such consumption including arrears. Power will **not** be allowed for **cooking** and **room (air) heating** in winter season: For this purpose, on written application chargeable power can be allowed. The rates shall be the rates applicable for industrial consumption in U.P.
28. **It is mandatory that all consumable building material i.e. sand, stone aggregate, Tiles, paint and other required material to be use after prior approval of Engineer-in-charge.**
29. **Cement wastage @ 3%** of total issued quantity shall be permissible. Beyond this recovery shall be made at double the issue rate for cement.
30. . 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.

31. 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 at his cost.
32. RECOVERY FOR LAND & BUILDING RENT ISSUED TO CONTRACTOR ON DEMAND & AVILABILTY.

Sl.No.	Description	Recovery Rate
1	Open land for labour stay.(For temporary arrangements.)	Rs. 5.00/ sqm
2	Store building (if available) or land for store (for temporary arrangements).	Rs. 25.00/ sqm –plinth area
3.	Resident building –only X type or Type 2.	As per applicable BHEL RULES and guidelines.

51. Material issued to Contractor

S.No.	Particulars	Rate at which material will		Quantity	Place of issue
		Unit			
1.	Cement Bags (50 KG)	Bag	Free of cost	As per requirement	Factory Civil store

52. All rates as mentioned in price bid are excluded of cement cost.

53. **The quantity of individual item mentioned in BOQ may vary up to any extent as per requirement with restriction of awarded value of work of BHEL and the contractor shall not be liable for any claim of compensation on this account.**



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Annexure 'F'

Technical Bid Qualifying criteria & check list

PROFORMA FOR SUBMITTING TECHNICAL BID FOR -----

(A) Essential Documents Required

1. Name of the firm : -----
(Documents as per clause 1-10 of annexure C to be attached)
2. Name of the Proprietor/Partners : _____
3. Address and Contact Numbers : _____

4. PAN/TAN Number : _____
5. GST Number : _____

6. Audited financial statement/CA Certificate as per tender :
Enclosed / Not Enclosed
7. Experience Certificate : Enclosed / Not Enclosed
(Along with necessary enclosures as per tender to be submitted)
8. No. of Workers including Supervisors on the rolls of the firm : _____
9. Earnest Money Deposit : Rs. _____
 - a) D.D. Number & Date : _____ Date _____
 - b) Drawn on (Bank) : _____
10. Any other relevant information: _____

11. Tender Cost :Rs. _____ NIL _____
D.D. No. /Receipt No : _____ NIL _____
12. Validity of offer: _____
(120 DAYS AS PER GTC)
13. Blank Price bid format : Enclosed/Not Enclosed
14. ESI registration certificate: (if exempted submit exemption proof)
ESI registration code : _____
Attach Copy of ESI registration



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(B) Desirable:

1. Income Tax return last 3 yrs. : Enclosed / Not Enclosed.

2. PF registration certificate (if exempted submit exemption proof)
PF registration code : _____
Attach Copy of the PF registration

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 (1) : 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.

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Note : 'NOTE (1)' is applicable only when tender is called in two bid system



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Annexure -G

BLANK PRICE BID (JS 472)

a. Name of the firm : _____

S.NO	DSR 2016 Ref	Description	Unit	Quantity	Rate-DSR 2016	Rate without cement DSR 2016	Amount (Rs.) without cement
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains, All kinds of soil (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	cum	30.00	166.40	166.40	4992.00
2	2.9.1	Excavation work by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains, Ordinary rock (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50m.	cum	10.00	275.85	275.85	2758.50
3	2.25	Filling available excavated earth in (excluding rock)	cum	40.00	125.75	125.75	5030.00
4	2.28.1	Surface dressing of the ground including removing vegetation and in -equalities not exceeding 15 cm deep and disposal of rubbish lead upto 50 m and lift upto 1.5 m for all kinds of soil.	100sqm	10.00	13.95	13.95	139.50
5	4.1.3	P and L in position Cement concrete -1:2:4 (1 Cement: 4 coarse sand: 8 graded stone aggregate 20mm nominal size) excluding the cost of entering and shuttering all work up to plinth level.	cum	5.00	5481.95	3657.95	18289.75

6	4.1.8	P and L in position Cement concrete -1:4:8 (1 Cement: 4 coarse sand: 8 graded stone aggregate 40mm nominal size) excluding the cost of entering and shuttering all work upto plinth level.	cum	15.00	4478.15	3509.15	52637.25
7	4.2.3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc.1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) up to floor five level, excluding the cost of centering, shuttering and finishing	cum	2.00	6547.70	4723.70	9447.40
8	4.1	Providing and laying DPC 40mm thick with cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 12.5mm nominal size).	sqm	40.00	263.10	189.00	7560.00
9	4.17	Making plinth protection 50mm thick of cement concrete 1:3:6 (1cement :3 coarse sand : 6graded stone aggregate 20mm nominal size) over 75mm bed by dry brick ballast 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth	sqm	40.00	450.35	387.65	15506.00
10	5.2.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3graded stone aggregate 20 mm nominal size)	cum	5.00	7145.80	4865.80	24329.00

11	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	cum	8.00	7390.80	5566.80	44534.40
12	5.9.1	Centering and shuttering including strutting, propping etc. And removal of form for: Foundations, footings, bases of columns, etc. For mass concrete.	sqm	60.00	193.95	193.95	11637.00
13	5.9.3	Centering and Shuttering for suspended floors, roofs, landings etc.	sqm	35.00	422.30	422.30	14780.50
14	5.9.5	Centering and Shuttering for lintels, beams plinth beams girders etc.	sqm	30.00	342.90	342.90	10287.00
15	5.22.6	Reinforcement for RCC including straightening , cutting , bending , placing in position and binding all binding all complete cold twisted bars .	kg	1300.00	56.60	56.60	73580.00
16	6.1.2	Brick work with FPS bricks of (II nd class kanpur brick) upto plinth 1:6 (1 cement: 6 fine sand)	cum	5.00	4751.65	4395.40	21977.00
17	6.4.2	Brick work with FPS bricks of (II nd class kanpur brick) in Super structure 1:6 (1 cement : 6 fine sand) upto floor five level	cum	18.00	5582.85	5226.60	94078.80
18	6.13.2	Providing Half Brick masonry in super structure upto floor five level . 1:4 (1 cement :4 coarse sand)	sqm	10.00	684.20	623.55	6235.52
19	7.1.1	R.R.Masonry with hard stone in foundation and plinth -1:6(1 cement: 6 coarse sand) including leveling up with cement concrete 1:6;12 (1 cement :6 coarse sand ; 12 graded stone aggregate of 20mm nominal size) .	cum	15.00	3965.85	3495.60	52434.00
20	10.1	Fixing standard steel glazed Doors , windows and , ventilators in walls with 15 x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of 1: 3 : 6 (1 cement : 3 coarse sand and 6 graded stone aggregate 20mm nominal sizes)or with wooden	kg	100.00	39.05	31.64	3164.00

21	10.11	Providing and fixing factory made ISI marked steel glazed doors windows and ventilators side /top centre hung with beading and all members such as K11 B and K12 B etc. complete of standard rolled steel sections joints mitred flash butt welded and sash	kg	70.00	113.60	106.19	7433.30
22	10.25.2	Steel work welded in builtup sections / Framed work including cutting , hoisting , fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings , frames , guard bar, ladder, railing brackets	kg	50.00	85.95	85.95	4297.50
23	11.3.1	Cement concrete flooring 1:2;4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry but excluding the cost of nosing of steps etc complete . 40 mm thick 20 mm nominal size stone aggre	sqm	50.00	362.60	265.70	13285.00
24	11.36	P&F 1st quality ceramic glazed wall tiles confirming to Is :15622 (thickness to be specified by the manufacture) of approved make in all colours shades except burgundy, bottle green , black of any size as approved by Engineer- in - Charge in skirting	sqm	60.00	744.80	674.01	40440.36
25	11.38	P& L Ceramic glazed glazed floor tiles 300 x300 mm in all colours ,shades except White, Ivory, Grey, Fume Red (thickness to be specified by the manufacturer)of 1st quality confirming to IS :15622 of approved make Brown laid on 20mm thick	sqm	30.00	747.90	677.11	20313.18
26	11.41.2	Providing and laying polished vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorptions less than 0.08 % and confirming to IS :15622 of approved make in all colours and shades , laid on 20 mm thick cem	sqm	5.00	1119.40	1048.61	5243.03



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27	13.1.2	Plaster -12 mm thick in 1:6 (1 cement : 6 fine sand)	sqm	250.00	160.35	139.83	34957.50
28	13.2.2	Plaster -15 mm thick in 1:6 (1 cement : 6 fine sand)	sqm	250.00	185.20	160.69	40172.50
29	15.2.1	Demolishing cement concrete including disposal of material within 50 meter lead (1:3:6)	cum	5.00	997.05	997.05	4985.25
30	15.7.4	Demolishing brick work in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meter lead.	cum	5.00	842.75	842.75	4213.75
31	All items of DSR 2016 but not covered above.						20000.00
Sectional Total A –Rs							668738.99
Weightage Percentage							100.0%
Sectional Multiplying Factor							0.0000000000
Total Price Bid value Amount to be Quoted by Bidder							

Amount in Words:-XXXXXXXXXXXXX.....

GST EXTRA AS APPLICABLE

NOTE – Contractor must not quote Amounts in this Blank Price Bid. This document must be submitted along with Techno-commercial bid.

Explanatory Note for calculating Quoted Rates of individual items of each section and billing method

1. For each section the weightage percentage has been specified as per above.
2. Contractor only has to quote the total price bid value for the contract
3. The amount quoted by the contractor will be distributed in the 1 sections as per the weightage of that Section. The amount allocated to each section will be called as **Quoted Sectional Amount**
4. **The sectional multiplying factors for each section will then be calculated as follows:**

Sectional Multiplying Factor = (Quoted Sectional Amount)

Sectional Total of that Section as mentioned in Price Bid



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5. The rates of the individual items in any section will be determined by the following formula-

$$\text{Actual Item rate} = (\text{Sectional Multiplying Factor}) \times (\text{Item rate})$$

6. To eliminate possibility of rounding off errors in **Actual item rates**, the billing shall be done by first calculating the amount derived by obtaining the quantity executed with the Item Rates and then the **total amount of each section will be multiplied** with the **Sectional Multiplying Factor**.

Reference to general condition of contract

Condition No.		
3(b)	Accepting Authority	GM – (HR)
3 (i)	Market Rate percentage addition to cover overheads and profit.	-----
9	Earnest money : security deposit	
	(a) Earnest money -	Rs 8426.00
	(b) Security deposits The rate of security deposit as below.	5% OF TOTAL CONTRACT VALUE
10 (iv)A (A)	Permissible deviation limit for any contract item , substituted item or contract -cum substituted item in excess of the original value of the item (Applicable percentage Rate Contracts)	It may vary up to any extent to as per requirement
10 (vi)A (b)	Permissible deviation limit for an individual trade item (Applicable to Lump sum Contracts only)	NA
10 (vi)A (c)	Permissible deviation limit for items of work not already included in the contract.	NA
(vii) B (a)	Permissible deviation limit for an individual trade item.	It may vary up to any extent as per 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	4 months
13 (h)	Authority competent to decide if "any other cause ' of delay is beyond Contractor's Control.	GM – (HR)
32	Authority competent to reduce compensation amount	GM – (HR)
33	Defects liability period.	12 months
34	Authority for appointing arbitrator	Unit Head



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Annexure II

FROM 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 of address of Principal :.....

Empolyed :.....

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 :.....

Remarks :.....

Signature of Contractor.



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Annexure III

FROM XIII
(See Rule 75)

Register of workmen employed by contractor

Name and address of contractor :

.....

Name and location of work :

Name and address of Establishment in /under :

Which contract is carried on :

Name and address of Principal Employer :

SL. No.	Name and surname of workman	Age and Sex	Father's/Husband's name	Nature of employment/designation	Permanent home address of workman (village and tehsill) and taluk and district	Local address	Date of commencement of employment	Signature or thumb impression of workman	Date of termination of employment	Reasons for termination	Remarks
1	2	3	4	5	6	7	8	9	10	11	12

Note: Register of wages as per form XVII is mandatory to be maintained for each month



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Annexure: IV

FORM XVII

[See Rule 78(1) (a)(i)]

Register of Wages

Name and Address of Contractor Name and address of Establishment in / under which contract is carried on

Nature and location of works

..... Name and address of Principal Employer

..... Wage period: Monthly

Sl. No.	Name of workman	Serial No. in the register of workman	Designation / nature of work done	No. of days worked	Units of works done
1	2	3	4	5	6

Daily-rate of wages/piece rate	Amount of wages earned				Total
	Basic wages	Dearness Allowances	Overtime	Other cash payments (Nature of payment to be indicated)	
7	8	9	10	11	12

Deductions, if any, (indicate nature)	Net amount paid	Signature / Thumb impression of workman	Initial of contractor or his representative
13	14	15	16

SIGNATURE OF THE CONTRACTOR

Verified that Wages disbursed to labours mentioned in Sr No 2 through bank on ...(date)..
(Executive Incharge)



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ANNEXURE "V"

Self-Declaration

(Undertaking duly signed, with seal and stamp of the Bidder, on Stamp Paper of Rs 100 /-)

1. I / We have not been found guilty by a Court of law in India for any crimes of fraud, Dishonesty or moral turpitude.
2. I / We are not been blacklisted/under hold/banned or delisted by BHEL Jhansi or any Unit/office of BHEL or any other organization, before or till, on the date of tender Opening.
3. I / We shall not be influenced by anyone in deployment of labour, for this contract.
4. I / We will deploy persons preferably with experience developed in BHEL Jhansi, for This contract.
5. I / We will ensure that the manpower deployed for this contract shall be competent to carry out the assigned task.
6. I / We shall deploy manpower after acceptance of the Head of the Executing Department.
7. I / We agree that BHEL shall reserve the right to reject any labour deployed – if found not having the requisite documents, proficiency, experience, etc. for the relevant task, or if found involved in any misconduct
8. I / We undertake that we shall pay minimum wages to the labour employed by us for this contract, and also undertake to abide by all statutory and regulatory requirements, as also to the references, terms and conditions mentioned in the tender document, while carrying out work at BHEL Jhansi.
9. I / We undertake that, wherever applicable, we shall pay Stamp Duty Charges on Security Deposit to the Government.

(Signature of the Contractor with Name. Designation & Seal)



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Annexure-VI

CONTRACT AGREEMENT

THIS AGREEMENT MADE THIS ____ DAY OF ____ between BHARAT HEAVY ELECTRICALS LIMITED, Jhansi (A Government of India Enterprise) a Company incorporated under the Companies Act 1956, having its registered office at BHEL House, Siri Fort, New Delhi – 110 049 (hereinafter called BHEL) of the ONE PART

AND

M/s _____ (hereinafter called the `Contractor`) of the SECOND PART WHEREAS M/s _____ State that they have acquired and possess extensive experience in the field of _____ And whereas in response to an Invitation to Tender No. _____ issued by BHEL for the execution of _____ The Contractor submitted their offer And whereas BHEL has accepted the offer of the Contractor on terms and conditions specified in the work order No. _____ dated: ____ read with the reference cited therein.

THIS AGREEMENT WITNESSESS AND it is hereby agreed by and between the parties as follows: That the Contractor shall execute the work of _____ and more particularly described in Tender specification (hereinafter called the said works) in accordance with and subject to terms and conditions contained in these presents, Instructions to Tenderers, General Terms and Conditions of Enquiry , Special Conditions, annexure, work order No. _____ dated: _____ and such other instructions, drawings, specifications given to him from time to time by BHEL. The Contractor is required to furnish to BHEL Security Deposit in the forms of cash/approved securities / Bank Guarantee valid up to _____ for a sum of Rs _____ only towards satisfactory performance and completion of the Contract.

The Contractor has furnished a Guarantee for a sum of Rs _____ in favour of BHEL towards Security Deposit Bank Guarantee No. _____ of _____ Bank , Branch _____

That in consideration of the payments to be made to the contractor by BHEL in accordance with this Agreement the Contractor hereby convenience and undertakes with BHEL that they shall execute, construct, complete the works in conformity, in all respects, with the terms and conditions specified in this Agreement and the documents governing the same.

That the Contractor shall be deemed to have carefully examined this Agreement and the documents governing the same and to have satisfied himself as to the nature and character of the works to be executed by him.

That the Contractor shall carry out and complete the execution of the said works to the entire satisfaction of the Engineer or such other officer authorized by BHEL, within agreed time schedule, the time of completion being the essence of the Contract.

That BHEL shall, after proper scrutiny of the bills submitted by the Contractor; pay to him during the progress of the said works such sum as determined by BHEL in accordance with this Agreement.

That this Agreement shall be deemed to have come into force from the date on which the letter of intent has been issued to the Contractor. That whenever under this contract or otherwise, any sum of money shall be recoverable from a payable by the Contractor, the same may be deducted in the manner as set out in the General Conditions of Contract or other conditions governing this Agreement.



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That all charges on account of Octroi, Terminal and other Taxes including sales tax or other duties on material obtained for execution of the said works shall be borne and paid by the Contractor.

That BHEL shall be entitled to deduct from the Contractor's running bills or otherwise Income Tax under Section 194(C) of the Income Tax Act, 1961.

That BHEL shall be further entitled to recover from the running bills of the contractor or otherwise such sum as may be determined by BHEL from time to time in respect of consumables supplied by BHEL, hire charges for tools and plants issued (where applicable) and any other dues owed by the contractor.

That it is hereby agreed by and between the parties that non-exercise, forbearance or omission of any of the powers conferred on BHEL and/or any of its authorities will not in any manner constitute waiver of the conditions here to contained in these presents and the liability of the Contractor with respect to compensation payable to BHEL or Contractor's obligations shall remain unaffected.

The following documents shall also form part of & shall govern this Agreement:-

(a) Invitation to Tender No. _____ dated: _____ and the documents Specified therein

(b) Contractor's Offer no _____ dated _____

(c) Work order No. _____ dated: _____

IN WITNESS HEREOF, the parties hereto have respectively set their signature in the presence of:

(CONTRACTOR)

To be signed by a person holding a valid Power of

Attorney

WITNESS: -1.

2.....

(On behalf of Bharat heavy Electricals Ltd, Jhansi)

WITNESS: -
Jhansi 1

For and on behalf of Bharat Heavy Electricals Ltd,

1.

Enclosed: 100 Rs. stamp paper no. _____ is part of agreement.

Annexure-VII

(Indemnity bond)

क्षतिपूर्ति बन्धनामा;

सेवा में,

भारत हेवी इलेक्ट्रीकल्स लिमिटेड झांसी

द्वारा एकजीक्यूटिव डायरेक्टर भारत हेवी इलेक्ट्रीकल्स लिमिटेड झांसी

यह कि मैं ठेकेदार आयु..... वर्ष पुत्र

..... भारत हेवी इलेक्ट्रीकल्स लिमिटेड झांसी के पक्ष में निम्नलिखित क्षतिपूर्ति बन्धनामा निष्पादित करता हूँ:-

यह कि मुझ ठेकेदार निष्पादक को भारत हेवी इलेक्ट्रीकल्स लिमिटेड झांसी से कार्यादेश संख्या दिनांक..... के अनुसार

..... के कार्य करने का ठेका मिला है और कार्यादेश के अन्तर्गत मुझे कार्य करने में श्रमिकों के साथ-साथ कार्य संपादन हेतु आवश्यक सामग्री ले जाने / उसे उचित स्थल पर पहुंचाने व इसके अतिरिक्त उक्त सामग्री के उपयोग करते समय या उसके उपरान्त किसी भी कारण से किसी भी प्रकार की दुर्घटना अथवा अन्य किसी भी कारण या प्रकार से किसी को कोई भी हानि हो सकती है। मैं उक्त ठेकेदार निष्पादक उक्त ठेके के कार्य निष्पादन में या उसके फलस्वरूप होने वाली हर प्रकार की हानि अन्य किसी भी प्रकार की कारित क्षति के लिये उत्तरदायी रहूंगा और भेल झांसी को इसके फलस्वरूप होने वाली समस्त क्षतियों की क्षतिपूर्तियों व अन्य समस्त क्षतियों की क्षतिपूर्तियों व अन्य समस्त राशियों के भुगतान करने के लिये बाध्य रहूंगा। अतः यह क्षतिपूर्ति बन्धनामा (Indemnity Bond) आज दिनांक को झांसी में साक्षियों की उपस्थितियों में निष्पादित किया ताकि वक्त जरूरत पर काम आवे।

हस्ताक्षर साक्षी

निष्पादक / ठेकेदार

1. हस्ताक्षर साक्षी

हस्ताक्षर

नाम:-

पिता का नाम

निवासी

निवासी

2. हस्ताक्षर साक्षी

नाम:-

पिता का नाम

निवासी

Note: On Rs. 100/- Non-Judicial Stamp paper.

Annexure “VIII”

CHECKLIST FOR DOCUMENTS OF THE ENQUIRY FOR WORKS CONTRACTS

1.	Documents in support of the Pre Qualification Criteria
2.	General Terms and Conditions of the Enquiry, duly signed, with seal and stamp of the Bidder
3.	Annexure-I - Photo Identity card issued by the Contractor to their labour for issue of Gate Pass
4.	Annexure-II- Copy of employment card issued by Contractor to their worker
5.	Annexure-III - Register to be maintained by Contractor towards the labour employed
6.	Annexure-IV - Statement of Wages of Labour employed by the Contractor
7.	Annexure V – Undertaking duly signed, with seal and stamp of the Bidder, on Stamp Paper of Rs 100 /-
8.	Annexure- VI - Agreement between BHEL and Contractor
9.	Annexure-VII - Indemnity Bond to be submitted by Contractor
10.	Annexure-VIII - Checklist for documents
11.	Annexure-IX - Format for Bank Guarantee in lieu of Security Deposit
12.	Format JS 146 - Price Bid Sheet for Works Contracts (in a separate envelope)
13.	Format JS 472 – Blank Price Bid Sheet for Works Contracts
14.	Tender Cost
15.	EMD
16.	Integrity Pact (if applicable) to be duly signed, with seal and stamp of the Bidder
17.	Bidder details with Contact name, address, phone no, e mail, PAN No, GSTIN No, Aadhar number , UAM number (if any), Digital Signature Certificate for PF & ESI, etc.
18.	Any other document as called for in the Enquiry

I / we undertake that we shall submit the documents as called for in the Enquiry and that our bid is liable to be rejected in case of incomplete documentation