

Utility Powertech Limited

(A J V of Reliance Infrastructure Ltd. & NTPC Ltd.)
A-6, NTPC Colony, Jamthal, P.O. Jamthal
Distt:- Bilaspur – 174 036 (H.P.)
Tele-Fax: 01978-283194
Site: Koldam

Additional Special Conditions of Contract

Name of work:- Balance work of B-type quarters (16th, 17th& 18th block) at NTPC township Jamthal, Koldam.

1 Scope of work :

The scope of work under this package is “**Balance work of B-type quarters (16th, 17th& 18th block) at NTPC township Jamthal, Koldam.**” The agency must visit the site and apprise themselves about the nature of work and the existing approach to work site before quoting their rates.

2 The agency has to arrange all the materials and manpower required including Cement and Reinforcement steel etc. NTPC / UPL shall not issue any material for the work.

3 NTPC shall provide construction power at one point in township free of cost from 11 KV substation near gate complex. Extension of power from above NTPC point to the site shall be the responsibility of the agency. However for their workers colony etc., the contractor shall arrange power supply from other sources.

4 The completion period for the complete work shall be **06 (six) months** including mobilisation period.

5 General Conditions of Contract for civil work shall be an integral part of the contract.

6 The agency shall procure cement from reputed manufacturers like ACC, CCI, L&T, GUJARAT AMBUJA, LAXMI, JAYPEE only and shall be of tested quality conforming to Indian Standard specification. The agency shall submit manufacturer’s test certificate for each consignment of material procured by him / them.

7 NTPC reserves the right to ascertain the quality of materials and if necessary, test the materials prior to their use / incorporation in the works as per Field Quality plan approved by NTPC. The cost of testing shall be borne by the agency. Ref FQP is enclosed for reference to be finalized during pre award discussions.

8 Shingle, river or nallah bed boulders, soling of roads, path etc during excavation shall be considered “**All Kinds of Soil.**”

9 The Defects liability period for the work shall be 12 months.

10 Evaluation Criteria: The following is the evaluation criteria:

Bids shall be evaluated based on total price quoted for the entire scope of work under the package.

“Deviations specifically declared by the bidders in the respective Deviation Schedules of Bid Proposal Sheets only will be taken into account for the purpose of evaluation. The bidders are required to declare that prices for the withdrawal of the deviations declared by them in the Deviation Schedules. Such prices declared by the bidders for the withdrawal of the deviations in the Deviation Schedules shall be added to the bid price to compensate for these deviations. In case prices for the withdrawal of deviations are not furnished by the bidders, the owner shall convert such deviations into a Rupee value and add to the bid price to compensate for these deviations. In determining the Rupee value of the deviations, the owner will use parameters consistent with those specified in the specifications and documents and/or other information as necessary and available to the owner. In case the bidder refuses to withdraw the deviations at the cost of withdrawal indicated by the bidder in the Deviation Schedules, the bid security of the bidder may be forfeited. Bidders may note that deviations variations and additional conditions etc. found elsewhere in the bid other than those stated in the Deviation Schedules, save those pertaining to any rebates, shall not be given effect to in evaluation and it will be assumed that the bidder complies to all the conditions of Bidding Documents. In case bidder refuses to withdraw, without any cost to the owner, those deviations which the bidder did not state in the Deviation Schedules, the bid security of the bidder may be forfeited.”

- 11 The successful bidder shall submit to the Engineer-in-charge L – 2 Schedule / Completion Schedule / The Bar Chart showing completion period of all activities and get it approved by Engineer-in-charge within 10 days of issue of Letter of Intent.
- 12 The successful bidder shall obtain the necessary insurance policies as detailed in the provisions of the Contract. The successful bidder shall also be required to obtain cover for risks on account of earthquake, for coverage during the entire duration of the contract as the work is located in the Himalayan Region, which comes under High Risk Zone ie Zone V.
- 13 The successful bidder shall get the Field Quality Plan approved by the Engineer in charge within 15 days of issue of letter of intent. The FQP shall be based on the Reference FQP enclosed. The Reference FQP is for information purpose.
- 14 Contractor has to deploy experienced Engineers as per requirement.
- 15 Agency shall quote % rate for all sub head separately for “Schedule Items” which are based on DSR-2002 and item rate basis for Non-Schedule items of all sub works.
- 16 Escalation shall be payable as per clause 53 of GCC where the vale of coefficients are as follows ;

(m)= 50%

(l)= 25%

(d)= 5%

(F)= 20%

CONTRACT PRICE ADJUSTMENT : (Where contract period is more than 12 months but less than 24 months)

(To be read in conjunction with Clause 53.0 of GCC – General Conditions of Contract for civil work)

Refer GCC Clause No 53.4. The formula for price adjustment shall be as follows:

$$ACV1=CV\{F+I.LI/Lo+m.MI/Mo+d.DI/Do\}$$

For clause no. 53.0 of GCC i.e. Contract Price Adjustment, the coefficients for escalation shall be as follows:-

- a) Material component (**m**) 50%
- b) Labour component (**I**) 25%
- c) P.O.L (**d**) 05%
- d) Fixed component (**F**) 20%

The maximum limit for total price adjustment shall be 12% of the contract price as awarded.

Index Numbers of Wholesale Prices in India – by Groups & Sub Groups (Base 1993-94=100) Published in RBI Bulletin Table No. 40 Group (J) Basic metals, Alloys & Metal Products

“**m**” =Index for material

“**d**” =Index for P.O.L

Index Numbers of Wholesale Prices in India-by Groups & Sub Groups (Base 1993-94=100) Published in RBI Bulletin Table No. 40 under Head: All Commodities

‘**I**’=**Labour Index**

Consumer price Index Numbers for Industrial Workers-All India & Selected Centre (Base 1982=100) Published by Labour Bureau, Shimla. / RBI Bulletin **Table No.36 under the head: “All India”**

- 17 The successful bidder shall obtain the necessary insurance policies as detailed in the provisions of the Contract. The successful bidder shall also be required to obtain cover for risks on account of earthquake, for coverage during the entire duration of the contract as the work is located in the Himalayan Region, which comes under **High Risk Zone ie Zone V.**
- 18 The bidder is hereby informed that work involves “balance work of three blocks of B-type quarters” which has been left incomplete by other contractor.
- 19 The bidder is hereby informed that contractor has to obtain a CONTRACTOR’S ALL RISK POLICY “CAR Policy” from insurance company. The CAR Policy has been taken by UPL. The premium amount so incurred will be recovered proportionately from the bill of contractor.

PREAMBLE TO BILL (S) OF QUANTITIES / SCHEDULE OF ITEM OF WORK

01. This bill (s) of quantities is (are) to be read in conjunction with General and Special Condition of Contract, drawings & Technical Specifications. These documents are jointly complimentary to each other and are explanatory and descriptive of the works involved in the contracts.
02. The Civil work is based on CPWD, DSR-2002. There are some non-scheduled items which are mostly based on CPWD Specifications and DSR-2002. The work shall be carried out as per Scope of work, Technical specifications enclosed and CPWD specifications with correction slips issued up to 31.03.2012/IS codes. Electrical works shall be carried out as per CPWD Specifications/ IS Codes and enclosed Technical Specifications.
03. Bidders are advised to go through the bid provisions carefully and quote their rates taking into account all the various provisions and factors, incidental there upon and no claim shall be entertained at a later date on any assumption made by the bidder and /or not specifically brought out by the bidder at the time of submission of bid.
04. The drawings, attached with these documents, are for the purpose of bid only, giving the bidder the general idea of the nature and extent of works to be executed. The rates quoted by the bidder shall be deemed to be for the execution of the work in accordance with “ Construction drawing “ to be supplied later as per GCC taking into account the design aspect of these drawings.
05. The rate inserted in the bill of quantities shall also be deemed to be for the full value of the of the work described under several items including all costs and expenses which may be required for the construction and full protection of the work described together with all general risks involved liabilities and obligation set forth or implied in the documents on which the bid is based.
06. The quantities of work shown in the BOQ are approximate and shall not be considered to be limiting the scope of work in any way and the work shall be measured on completion and priced at the rates quoted in the BOQ under the relevant item of work.
07. General conditions and description of works and material given else-wherein the bid documents are not necessary repeated in the bill(s) of quantities, reference is to be made to the bid documents for full information /details.
08. Unless otherwise specified in the description of items of work in bill of quantities, the rates quoted by the bidder shall be for all heights and depths.

- 09 The bidder will be deemed to have visited the site before submitting his bid and to have examined for himself the conditions of surroundings and approach etc. under which the work will be carried out in hilly terrain including local conditions effecting labour and material procurement and have studied the items of the bill of quantities, the specifications and the drgs. and to have satisfied himself that the rates quoted by him/ them provide for all minor accessories and contingent works or services necessary for the works described even through they are not specifically defined therein. Where the specification for items of work to be executed under this contract are not available in these documents, the latest IS specifications and Codes of practice shall be followed. It will be taken that the specification have been read and examined and no claim on this account shall be entertained at a later date.
- 10 Wherein the bidder finds difficulty in understanding the implications of any of the provision in the bid documents he should get the clarifications required by him from the authority issuing the bid documents, before submitting his bid. No claim shall be entertained at a later date for any assumption / presumption made by him.

SIGN OF CONTRACTOR

Additional Special Conditions of Contract- Vol.-11 A

Name of work : Balance work of B-type quarters (16th, 17th & 18th block) at NTPC township Jamthal, Koldam.

1. **Scope of work :**

The scope of work includes **Balance work of B-type quarters (16th, 17th & 18th block) at NTPC township Jamthal, Koldam.**

The scope of work consists of civil works involved in the construction of buildings and internal and external electrification works in hilly terrain. The scope of work consists of civil work, sanitary work, plumbing works, wood work, finishing work, internal roads, internal and external electrification including fittings and fixtures as per BOQ, specifications, drawing and as per the instructions of Engineer-in-charge.

2. The agency must visit the site and apprise themselves about the nature of work before quoting their rates. The proposed site is about 15 Km from Barmana (District Bilaspur) off NH-21 (Chandigarh Manali Highway) and about 165 KM from Chandigarh. The site is hilly in nature. The average level of site is about 850 M from MSL.
3. **The agency has to make his own arrangement for water required for the work, at his own cost.**
4. The Civil work is based on CPWD, DSR-2002. There are some non-scheduled items which are mostly based on CPWD Specifications and DSR-2002. The work shall be carried out as per Scope of work, Technical specifications enclosed and CPWD specifications with correction slips issued up to 31.03.2012/IS codes. Electrical works shall be carried out as per CPWD Specifications/ IS Codes and enclosed Technical Specifications.
5. Field Quality Plan is enclosed along with bid documents. The work is to be executed as per this Field Quality Plan. All the expenditure for the tests carried out to comply with this Field Quality plan are to be borne by the contractor.
6. All material brought to site for construction should be as per relevant CPWD specification / I S Specification.
7. GI pipes, RCC pipes, Stone ware pipes, and CI pipes and all fittings shall be ISI marked only. All G.I. pipes shall be medium duty unless mentioned otherwise. All vitreous China sanitary fittings like W / C, wash basin etc. shall be of first quality ISI marked.
8. **Procurement of Reinforcement & Structural steel**
 - a) When Reinforcement steel (TMT) and structural steel is procured by the agency from major approved manufacturers like SAIL, TISCO, RINL, JINDAL IISCO, ESSAR, VISHAKHAPATNAM STEEL PLANT then this shall be of tested quality conforming to Indian Standard specifications including Thermo Mechanical Treated. For this the relevant test certificate from manufacturers indicating the lots from where the steel has been issued shall be submitted by agency along with supply and **mandatory tests as per latest CPWD specifications shall not be required since it is procured from approved manufacturers.**

- b) In case Reinforcement steel (TMT) and structural steel is procured by the agency from other reputed manufacturers, the manufacturer should have BIS certification. The testing of steel has to be got done by the agency at his own cost from approved Govt. Lab / Regional Engineering College (NIT) / or NTPC specified test lab, or any lab having N.A.B.L Certification. It should be capable and adjudged to conduct test as per IS : 1786. Further, all mandatory tests as specified in CPWD specification / IS code are required to be done at the cost of agency. **(This supercedes clause 8.1.A (a) of SCC Part – I, Vol – I)**
9. The agency shall do the planning for three months in advance and he shall procure materials like reinforcement steel, cement, RCC/GI/CI pipes in advance.
10. Bidder has to submit list of plant and machinery proposed to be deployed for this work by them for execution of this work. The probable machinery will be concrete mixture, weigh-batcher, concrete vibrators (needle vibrator and surface vibrator) and earth compactor.
11. Bidder will depute well qualified and experienced engineer, personnel for administration and execution of the contract at site, quality assurance and safety etc. The agency shall furnish his organisation chart proposed to be deployed exclusively for this work.
12. The electrical items shall be of make given in Annexure – 1 only. For the items not mentioned in Annexure – 1, it shall be ISI mark.
13. The wires, conduits, accessories, switch/ sockets and all wiring materials shall be ISI marked only.
14. The Electrical installation shall be done by agency having relevant Electrical License. Statutory clearances, if any required from CEA/ State authorities shall be the sole responsibility of the agency.
15. Conduit layout to be prepared by the agency based on the Circuit details indicated on the working drawing duly checked by the owner (NTPC).
16. Manufacturer drawing and Technical data sheets of all the distribution panels/ Boards and Lighting fixtures shall be submitted by the contractor to NTPC for approval.
17. Incomplete / ambiguous offers shall be rejected by NTPC.
- 18. Evaluation Criteria:** The following is the evaluation criteria:
- 18.1 Bids shall be evaluated based on total price quoted for the entire scope of work under the package i.e. Civil as well as Electrical works.
- 18.2 “Deviations specifically declared by the bidders in the respective Deviation Schedules of Bid Proposal Sheets only will be taken into account for the purpose of evaluation. The bidders are required to declare that prices for the withdrawal of the deviations declared by them in the Deviation Schedules. Such prices declared by the bidders for the withdrawal of the deviations in the Deviation Schedules shall be added to the bid price to compensate for these deviations. In case prices for the withdrawal of deviations are not furnished by the bidders, the owner shall convert such deviations into a Rupee value and add to the bid price to compensate for these deviations. In determining the Rupee value of the deviations, the owner will use parameters consistent with those specified in the specifications and documents and/or other information as necessary and available to the owner. In case the bidder refuses to withdraw the deviations at the cost of withdrawal indicated by the bidder in the Deviation Schedules, the bid security of the bidder may be forfeited.

Bidders may note that deviations variations and additional conditions etc. found elsewhere in the bid other than those stated in the Deviation Schedules, save those pertaining to any rebates, shall not be given effect to in evaluation and it will be assumed that the bidder complies to all the conditions of Bidding Documents. In case bidder refuses to withdraw, without any cost to the owner, those deviations which the bidder did not state in the Deviation Schedules, the bid security of the bidder may be forfeited.”

19. The agency shall submit a bar chart in detail for complete construction work and shall get it duly approved by UPL/ NTPC. This completion schedule/ bar chart shall be the governing for calculation of price adjustment if applicable.
20. i) Any increase, direct or indirect in cost of construction due to any increase in minimum wages or increase in provision of labour amenities and benefits in excess of those applicable on the closing date of submission of tender, shall not be payable to contract except as per provision of price escalation clause.
- 20.ii) In the event of authorised extension, on account of delays (s) in releasing of construction drawing (s) and/or handing over of the site by NTPC, as per the provision of the bidding document/contract, the “Bar Chart” (agreed before award of work), will be revised and approved by NTPC and price Escalation payment (s) for subsequent period (s)/ for subsequent period (s) will be regulated based on the same.
21. Shingle , river or nallah bed boulders soling of roads, path etc. during excavation shall be considered “ **All Kind of Soil** ”
22. Bidder shall quote percentage rate tender for all the sub head separately for Schedule items and item rate for non-schedule items.

