



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN – 01

Ref: PSER:SCT:NKP-Q2139:TCN-01

Date: 28-02-2022.

| | | |
|-----|---|--|
| Sub | Tender Change Notice (TCN) - 01 | |
| Job | Providing Safety Management services along with manpower for strengthening of Safety Culture and effective implementation of Health, Safety and Environment Management system at 3x660 MW North Karanpura STPP Site, Jharkhand. | |
| Ref | 1.0 | Tender no PSER:SCT:NKP-Q2139:22 |
| | 2.0 | BHEL's NIT, vide reference no PSER:SCT:NKP-Q2139:8996 Date:21-02-2022. |
| | 3.0 | All other pertinent issues till date. |

With reference to above, following points/ documents, relevant to tender, may please be noted and complied with while submitting offer.

- 1.0 The clarifications to bidder's queries are attached as **Annexure-A** to this TCN-01.
- 2.0 Introduction of new clause as 'Clause No. 3.3.46 of VOLUME -II&ID -TCC, (REV-0)' as below:

| Clause No | DESCRIPTION |
|---|---|
| Cl. No. 3.3.46 of VOLUME -II&ID -TCC, (REV-0) | A governance committee will be formed with senior officials of BHEL as well as the agency to review the HSE implementation at BHEL North Karanpura site. The committee will meet on regular basis at site or head-office or virtual mode to review the effectiveness of project construction safety management implementation. Key Performance Indicators will be defined and monitored by governance committee. Any conflicts in project delivery will be reviewed and resolved through governance committee. Minutes will be prepared and circulated accordingly. |

- 3.0 Tender No. shall be read as "PSER:SCT:NKP-Q2139:22" wherever indicated.
- 4.0 Revised 'No deviation certificate' as per enclosed Annexure-2. Bidder shall submit no deviation certificate as per enclosed format only.
- 5.0 All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

DY. MGR (SCT)

Encl : As above.

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION, DJ-9/1, SECTOR-II, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 23211691, 23211798, 23211796

Providing Safety Management services along with manpower for strengthening of Safety Culture and effective implementation of Health, Safety and Environment Management system at 3x660 MW North Karanpura STPP Site, Jharkhand.

Tender no: PSER:SCT:NKP-Q2139:22.

TCN-01 (ANNEXURE-A)

| SL NO | Reference clause of tender document | Clause No. | Existing provision | Bidder's query | BHEL's Reply/ clarification |
|--------------|--|-------------------|---|--|--|
| 1 | VOL-II & ID | 3.2.4 | Agency will use & train the safety manpower deployed by various agencies of BHEL at site to start & manage all safety initiatives at site via use of technology | Please clarify which kind of technology, the agencies are expected to use | It will be through MS Office at site. However, datas captured through various means at site are to be used for this purpose. |
| 2 | VOL-II & ID | 3.3.1 | Agency shall strengthen the safety management system by safety specialist deployment for strengthening high risk activities, competency building program through Contractor Incubation Centre (CIC), deploying safety engineers to monitor and facilitate safety implementation, | We have considered that setting up of CIC including the equipment therein, shall be in the scope of BHEL | Setting up of CIC including the equipment therein is included in the scope of BHEL. |
| 3 | VOL-II & ID | 3.3.3 | BHEL HSE Observer mobile application is to be used at site. The Safety Analyst to be deployed at site should get familiar on this software. Necessary training & support from PSER-HQ HSE & PSHQ-HSE will be provided for the same. Subsequently the safety analyst will train other BHEL engineers/ supervisors as well as contractor officials about the application of the software, as per requirement at site. Safety analyst will also ensure enrollment of site officials (BHEL/ subcontractors) in this application, raising of issues by registered users, closure of issues by concerned persons, Liaoning with PSER-HQ & PSHQ-HSE for resolving application related issues, analysis of data, preparation of charts etc. | Kindly provide the list of modules included in the BHEL HSE Observer mobile application. | Presently, it includes modules on submission of HSE issues, good practices, near misses/ incidents. Other modules may also be included later on. |

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| 4 | VOL-II & ID | 3.3.4 | Organizing motivational & safety promotional activities like street plays, campaigns & safety communications shall be done by the agency. | We have considered that provision of safety awareness and promotional material shall be in the scope of BHEL | Material for motivational & safety promotional activities like street plays, campaign ,safety communications are included in BHEL scope. |
| 5 | VOL-II & ID | 3.3.6 | Promotion of Safety culture at site by means of survey, trainings/workshops for management personnel as well as supervisory personnel of BHEL and its associates. | <p>Safety culture survey is not included in the SOR as a separate item.</p> <p>Kindly confirm whehter the safety survey to be carried out by the deployed safety personnel. In such case, kindly let us know whehter BHEL HSE Observer mobile application does provide any module for carrying out safety culture survey. Else safety culture survey may be excluded from the scope of work.</p> | It is included in the scope of work. It is to be carried out by the deployed safety personnel at site. Prsently no module for Safety Culture Survey is available in BHEL HSE Observer mobile app. |
| 6 | VOL-II & ID | 3.3.16 | In contractor incubation centre (CIC), contractor selection, competency building-first time & periodical, contractor safety performance evaluation and intervention (through safety park, safety campaigns & safety passports) shall be done by the agency. Skill based training program should be done through CIC. | We have considered that setting up of safety park, provision of promotional material for safety campaigns and printing and provision of safety passport shall be in the scope of HSEL. | Setting up of safety park, provision of promotional material for safety campaigns and printing and provision of safety passport shall be in the scope of BHEL. |

Providing Safety Management services along with manpower for strengthening of Safety Culture and effective implementation of Health, Safety and Environment Management system at 3x660 MW North Karanpura STPP Site, Jharkhand.

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| 7 | VOL-II & ID | 3.3.18 | Imparting HSE related skill training (in Hindi or any language followed by majority of workers) with certification (like competency certification for Scaffolders, Scaffolding supervisor, Scaffolding inspectors, Riggers, Operators etc.) and organizing mock drills on rescue, fire, first-aid, trauma an emergency response. A competency certificate to be issued to each participant by the agency. Agency shall submit skilled certificate training calendar to BHEL | We have considered that provision of necessary material, equipment, facilities, etc. for organising mock drills on rescue, fire, first-aid, trauma an emergency response shall be in the scope of BHEL | Provision of necessary material, equipment, facilities, etc. for organising mock drills on rescue, fire, first-aid, trauma an emergency response shall be in the scope of BHEL |
| 8 | VOL-II & ID | 3.2.20 | HSE Competency evaluation of skilled workmen to be performed before engagement in the job and also during execution whenever required. Documents like Height-pass to be issued by the agency. Competency evaluation shall be done for skilled/semiskilled manpower before induction training. Plan and Procedure for competency evaluation shall be submitted to BHEL | We have considered that printing and provision of height pass shall be in the scope of BHEL. The Agency will provide format and also issue the height passes as and when required. | Printing and provision of height pass shall be in the scope of BHEL. The Agency will provide format and also issue the height passes as and when required. |
| 9 | VOL-II & ID | 3.2.21 | Compliance with all HSE, occupational health, safety & environment rules and codes of the BHEL/owner, relevant provisions of applicable laws pertaining to the HSE of workmen, employees, plant and equipment as may be prescribed from time to time. In case of any non-conformity between statutory requirement and HSE Rules of the BHEL/owner referred above, the later shall be applicable unless the statutory provisions are more stringent. | We have considered that the agency will assist BHEL to comply with applicable regulations. However, the agency shall not liaison, represent or deal with the regulatory authorities. | As per Tender. |

Providing Safety Management services along with manpower for strengthening of Safety Culture and effective implementation of Health, Safety and Environment Management system at 3x660 MW North Karanpura STPP Site, Jharkhand.

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| 10 | VOL-II & ID | 3,3,28 | Administering First-aid or CPR to victim by agency's manpower expeditiously and take further course of action including taking victim to Medical Centre. In case of fire and other emergency, they will operate the fire extinguishers, if called for and help take appropriate corrective and preventive measures like fighting fire or evacuation of people or materials etc. | <p>In the event of medical emergency, it is quite important to administer first aid or CPR as quickly as possible. In case of CPR it needs to be administered to the victim within 3 to 5 min.</p> <p>Considering the number of manpower resources, it is unlikely that they will be available at the incident spot to quickly administer first aid or CPR to the victim. Hence it is suggested that BHEL may train sufficient number of site personnel in first aid and CPR by organising training through professional agencies like Red Cross or St. John Ambulance so that they can administer the first-aid or CPR to the victim as and when required.</p> | As per Tender. |
| 11 | VOL-II & ID | 3.3.31 | Close monitoring/ inspection of all works carried out at height including lifting/ placement/ erection of heavy structure/ equipment/ material at height and implementing control measures for safe execution of the same | We have considered that BHEL shall provide safe access to the safety personnel of the agency to carry out inspection at height | BHEL shall provide safe access to the safety personnel of the agency to carry out inspection at height. |

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| 12 | VOL-II & ID | 3.3.33 | Generation of periodic report in prescribed format and sharing the same with competent authorities | We have considered that competent authority means BHEL Site Construction Manager or PSSR representative(s). | Competent authority means Construction Manager- BHEL North Karanpura site and HOD- HSE / BHEL PSER. |
| 13 | VOL-II & ID | 3.3.38 | Guidance to agencies in designing and implementation of Lift Plan, imparting training, certification and guidance to riggers, rigging foreman, crane operators and signalman. Inspection before Critical and ODC Lift. The approval of lifting plan, riggers, signalman, operators of T&Ps to be accorded by the agency's person. Collection and monitoring of T&P certification data centrally and issue of alert for renewal of certification | <p>Please confirm whehter the BHEL HSE Observer mobile application tool provides for issue of alert for renewal of certification.</p> <p>Considering the number of T&Ps expected to be deployed at site, it may not be feasible to manually issue alert for renewal of certification</p> | BHEL HSE Observer app does not have this feature. It is to be done in manual mode/ MS excel based sytem in consultation with BHEL HSE personnel / package incharges at site. |
| 14 | VOL-II & ID | 3.3.40 | Inspection of electrical installation and booths and coordination & implementation of statutorn requirements as per acts and rules. Site specific LOTO system (both electrical and non-electrical) shall be developed by agency and managed during various stages of commissioning activities | We have considered that provision of pad locls, hasp and other such items and facilities for implementation of LOTO system, shall be in the scope of BHEL. | Provision of pad locks, hasp and other such items and facilities for implementation of LOTO system, shall be in the scope of BHEL. |

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| 15 | VOL-II & ID | 3.3.45 | Agency has to follow applicable govt. directives and/or BHEL HSE related Operation Control Procedures to prevent spread of Covid-19 virus at project sites as well as labour colonies, | We have considered that provision of necessary sanitisation and equipment sanitizing material, thermal screening equipment, masks, other PPE, medicines, etc. shall be in the scope of BHEL | Provision of necessary sanitisation and equipment sanitizing material, thermal screening equipment, masks, other PPE, medicines, etc. shall be in the scope of BHEL |
| 16 | VOL-II & ID | 5.1.1 | Furnished Bachelor accommodation (single room basis) with free electricity and water supply, along with Mess facilities at one point shall be provided by BHEL free of any charges. However, food will be available on chargeable basis, either in BHEL mess or otherwise. | Kindly indicate the chagres for food per person per day (Breakfast/Tea+Lunch+Dinner) | Presently, it is around Rs. 200 per day. It may be changed from to time and will be charged at actuals at the time of deployment. |
| 17 | VOL-II & ID | 5.4.3 | Local conveyance during mobilization of manpower, during periodic audit (if required at site) will be arranged by BHEL. It will be limited to nearest airport/ railway station as the case may be. | The SOR does does not include for periodic audit . Hence It is proposed that either periodic audit should be included in the SOR as a separate item or the said item be excluded from the scope of work | Existing Clause may be read as "Local conveyance during mobilization of manpower, will be arranged by BHEL. It will be limited to nearest airport/ railway station as the case may be." |

FORMAT FOR NO DEVIATION CERTIFICATE
(To be submitted in the bidder's letter head)

BHARAT HEAVY ELECTRICALS LIMITED,
Power Sector - Eastern Region,
Plot no 9/1, DJ Block, Sector – II, Salt Lake City,
Kolkata – 700 091

| | | |
|-----|---|---|
| Sub | No Deviation Certificate. | |
| Job | Providing Safety Management services along with manpower for strengthening of Safety Culture and effective implementation of Health, Safety and Environment Management system at 3x660 MW North Karanpura STPP Site, Jharkhand. | |
| Ref | 1.0 | Tender no PSER:SCT:NKP-Q2139:22. |
| | 2.0 | BHEL's NIT, vide reference no PSER:SCT:NKP-Q2139:8996 Date:21-02-2022. |
| | 3.0 | BHEL's TCN-01, vide reference no PSER:SCT:NKP-Q2139:TCN-01, dated 28-02-2022. |
| | 4.0 | All other pertinent issues till date. |

Dear Sirs,

With reference to above, this is to confirm that as per tender conditions, we have visited site before submission of our offer and noted the job content & site conditions etc. We also confirm that we have not changed/ modified the tender documents as appeared in the website/ issued by you and in case of such observance at any stage, it shall be treated as null and void.

We hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred NIT. We hereby confirm our unqualified acceptance to all terms & conditions, unqualified compliance to technical specification, integrity pact (if applicable) and acceptance to reverse auctioning process.

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null & void.

We confirm to have submitted/uploaded offer/documents in accordance with tender instructions with acceptance of the terms & conditions of the tender by us and as per aforesaid references.

Thanking you,

Yours faithfully,

(Signature, date & seal of authorized
representative of the bidder)

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION DJ-9/1, SECTOR-II, SALT LAKE CITY, KOLKATA - 700 091

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