



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 01

Ref: PSER:SCT:SDG-Q2072:TCN-01

Date: 23-11-2020

Sub	Tender Change Notice (TCN)- 01.	
Job	Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.	
Ref	1.0	Tender no PSER:SCT:SDG-Q2089:20.
	2.0	BHEL's NIT, vide reference no PSER:SCT:SDG-Q2089:8272 Date: 20-11-2020.
	3.0	Other References, if any.

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

1. The clarifications to bidder's queries are attached at **Annexure-A**.
2. Revised 'No deviation certificate' is attached. Bidder to submit 'No deviation certificate' as per attached format only.
3. 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, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

फोन/Phone ; बोर्ड/EPABX : (033) 2339 8000

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.				
Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
1	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.1	Major areas under purview of the work of the agency at site are Boiler, Turbine, Electrical Systems, AHP, CHP, Misc. BOP areas, FGD. However, based on site requirement / criticality and as per instruction of BHEL site engineer / HSE Dept. the agency may have to deploy their manpower in other areas also. The agency has to assess the gaps in execution pertaining to safety and advice BHEL site management on relevant improvement measures to be adopted and provide guidance on implementation.	We will assess gaps and advise BHEL. However, our scope is limited to the safety aspects involving scaffolding, working at height, rigging, electrical installations, excavations and safety training only. The rest is OK.	Agreed.
2	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.2	Develop framework for safety improvement program	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for developing framework for safety improvement programmes. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the said item be excluded from the scope of work	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.				
Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
3	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.3	Deployment of safety specialists at site to drive safety initiatives which include developing & monitoring the implementation of comprehensive construction safety management at site	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installtions, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for driving safety initiatives which include developing & monitoring the implementation of comprehensive construction safety B3management at site Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the said item be excluded from the scope of work	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.
4	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.4	Agency will use & train the BHEL safety manpower at site to start & manage all safety initiatives at site via use of technology	Provision of training aids inlucidng audio-visual facilities, seating arrangements, etc, shall be in the scope of BHEL. The rest is OK.	Agreed.
5	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.5	Agency will enable BHEL to strengthen the safety management systems at site and improve the safety culture at site	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installtions, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for enabling BHEL to strengthen the safety management systems at site and improve the safety culture at site Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the said item be excluded from the scope of work	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.				
Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
6	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.7	Conducting regular audits in respective fields at site for identifying weak areas and suggesting corrective measures.	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for carrying out regular site safety audits. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of work shall be limited to regular audits of work activities pertaining to scaffolding, working at height, rigging, electrical installations, excavations and safety training.	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.
7	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.8	Administer/manage Construction Safety at the site	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for administering/managing Construction Safety at the site in a very comprehensive way covering all construction safety aspects. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of work shall be managing safety aspects limited to scaffolding, working at height, rigging, electrical installations, excavations and safety training.	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.				
Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
8	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.1	Organizing motivational & safety promotional activities like street plays, campaigns & safety communications shall be done by the agency. You shall plan and execute motivational and safety promotional activities.	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for Organizing motivational & safety promotional activities like street plays, campaigns, etc. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the said item shall be excluded from the scope of work.	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.
9	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.2	Organizing HSE promotion activities like Tool Box talk, pep talks, Monthly HSE celebration, Periodic HSE review, putting up educative posters and banners, organizing house-keeping drive, walk-through by top officials, periodic health camps etc. Agency shall submit plans for tool Box Talks, Pep Talks, HSE Celebrations, HSE Review, House Keeping, safety walkthroughs, health camps and layouts for installation of posters/ banners etc.	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for organizing HSE promotion activities Monthly HSE celebration, Periodic HSE review, putting up educative posters and banners, organizing house-keeping, drive, walk-through by top officials, etc. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the said item be excluded from the scope of work.	Not Agreed. Agency will have to give equal support in association with other safety engineers at site in conductance of Monthly HSE celebration, Periodic HSE review, putting up educative posters and banners, periodic health camps. Other activities mentioned will be limited to their area of work.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.				
Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
10	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.3	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.	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for promotion of Safety culture at site by means of survey Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of work shall be limited to promotion of Safety culture at site by means of trainings/ workshops for management personnel as well as supervisory personnel of BHEL and its associates. Safety culture survey may be included in the SOR as a separate item or it may be excluded from the scope of work.	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.
11	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.4	In contractor incubation Centre (CIC), selection, competency building-first time & periodical, 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.	Setting up of Safety Park and provision of safety promotional material shall be in scope of BHEL. The rest is OK.	Agreed.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.				
Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
12	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.6	Imparting HSE related skill training (in Hindi or any language followed by majority of workers) with certification (like certification for Scaffolders, Scaffolding supervisor, Scaffolding inspectors, Riggers, Operators etc.) and organizing mock drills on rescue, fire, first-aid, trauma and emergency response. A competency certificate to be issued to each participant by the agency. Agency shall submit skilled certificate training calendar to BHEL.	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for organizing mock drills on rescue, fire, first-aid, trauma and emergency response Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the said item be excluded from the scope of work. The rest is ok.	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.
13	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.7	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 nonconformity between statutory requirement and HSE Rules of the BHEL/owner referred above, the later shall be applicable unless the statutory provisions are more stringent.	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for helping in compliance with the rules and codes of the BHEL/ owner and relevant provisions of applicable laws for all aspects of HSE, occupational health, safety & environment Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of compliance shall be limited to the safety aspects involved in scaffolding, working at height, rigging, electrical installations, excavations and safety training only.	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.				
Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
14	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.8	Compliance with HSE (Health, Safety & Environment) requirements/ procedure/ practices of BHEL at site, as per Site HSE Plan/ HSE Management system. Agency will also ensure that applicable Operational Control Procedures (OCPs) in respective areas are being followed by BHEL/ Sub-contractor.	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installtions, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for helping in compliance with the applicable Operational Control Procedures (OCPs) for all aspects of HSE, occupational health, safety & environment Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of compliance with OCPs shall be limited to the safety aspects involved in scaffolding, working at height, rigging, electrical installtions, excavations and safety training only.	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.
15	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.9	Support for maintenance, generation and retention of all documents and records pertaining to HSE as per BHEL HSE Management System.	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installtions, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for providing support for maintenance, generation and retention of all documents and records pertaining to HSE as per BHEL HSE Management System. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of work shall be limited to the support for maintenance, generation and retention of all documents and records pertaining to scaffolding, working at height, rigging, electrical installtions, excavations and safety training only	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.

Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
16	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.10	Assist BHEL in coordinating with Local authority/ statutory authority/ local facilities like hospitals, fire stations, disaster management agencies etc. as and when required.	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installtions, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for assisting BHEL in coordinating with Local authority/ statutory authority/ local facilities like hospitals, fire stations, disaster management agencies etc. as and when required. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of work shall be limited to assisting BHEL in coordinating with Local authority/ statutory authority for safety issues involved in scaffolding, working at height, rigging, electrical installtions, excavations and safety training only.	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.				
Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
17	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.11	Carrying out all routine works as specified in the Factories Act 1948/BOCW Act 1996 and its rules and as per other statutes applicable for construction sites	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for carrying out all routine works as specified in the Factories Act 1948/BOCW Act 1996 and its rules and as per other statutes applicable for construction sites Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of work shall be limited to carrying out all routine works as specified in the Factories Act 1948/BOCW Act 1996 and its rules and as per other statutes applicable for construction sites, pertaining to scaffolding, working at height, rigging, electrical installations, excavations and safety training only.	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.
18	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.12	Investigation of accidents including near miss, as per requirement of site management	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for carrying out Investigation of all accidents including near miss, as per requirement of site management Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of work shall be limited to the investigation of accidents including near miss, involving scaffolding, working at height, rigging, electrical installations and excavations	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.				
Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
19	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.13	Incident management and documentation for reporting and record including encouraging reporting of near misses besides other incidents, recording and analyzing them, planning & implementing corrective actions.	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installtions, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for Incident management and documentation for reporting and record including encouraging reporting of near misses besides other incidents, recording and analyzing them, planning & implementing corrective actions. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of work shall be limited to regular audits of specific equipment or work activity such as scaffolding, working at height, rigging, electrical installtions and excavations	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.
20	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.14	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.	In the event of medical emergnecy, it is quite important to administer first aid or CPR as quickly as possible. In case of CPR it needs tobe administered to the victim with in 3 to 5 min. Considering the number of manpower resoucrs, it is unlikely that they will be avialbe at the incident spot to quickly adminster first aid or CPR to the vixtim. hence it is suggested that BHEL may train sufficinet 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	Agreed. That will be done separately. But the manpower deployed by the bidder must also be competent in handling the emergency situations as mentioned.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.

Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
21	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.15	Inspection of all PPEs, safety equipment, T&Ps etc. and maintaining record (related to their respective job). Agency shall submit the inspection plan and procedure to BHEL. Agency shall also coordinate with third Party competent persons for T&P certification as applicable.	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for carrying out Inspection of all PPEs, safety equipment, etc. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of work shall be limited to the inspection of the PPEs and safety equipment required for the scaffolding, working at height, rigging, electrical installations and excavations only	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.

Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
22	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.16	Systematically conducting HSE inspection on daily basis, Recording and analysis of observations, categorization, reporting and finally following up closure of observations offline & online including observation raised by Customer. In addition, co-ordination of Internal/ External audit. Preparation of weekly exception report and submitting to BHEL	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for systematically conducting HSE inspection on daily basis, recording and analysis of observations, categorization, reporting and finally following up closure of observations including observation raised by Customer, doing co-ordination of Internal/ External audit and preparing weekly exception report. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of regular audits shall be limited to conducting HSE inspection on daily basis, recording and analysis of observations, categorization, reporting and finally following up closure of observations including observation raised by Customer, doing co-ordination of Internal/ External audit and preparing weekly exception report for scaffolding, working at height, rigging, electrical installations and excavations only.	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.				
Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
23	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.18	Drawing up monthly HSE activity plan in line with HSE plan and strictly following the same. The agency shall prepare supplementary documents of the HSE plan (including auxiliary documents), if necessary and suggest relevant changes of the plan for improvement. But this shall require approval of BHEL.	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for drawing up monthly HSE activity plan in line with HSE plan, preparing supplementary documents of the HSE plan (including auxiliary documents), if necessary and suggesting relevant changes in the plan for improvement for all aspects of site safety. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of work shall be limited to drawing up monthly HSE activity plan in line with HSE plan, preparing supplementary documents of the HSE plan (including auxiliary documents), if necessary and suggesting relevant changes in the plan for improvement for scaffolding, working at height, rigging, electrical installations, excavations and safety training only.	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.

Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
24	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.19	Generation of periodic report in prescribed format and sharing the same with competent authorities	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installtions, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for generation of periodic report in prescribed format and sharing the same with competent authorities for all aspects of site safety as may be relevant. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of work shall be limited to generation of periodic report in prescribed format pertaining to safety aspects involving scaffolding, working at height, rigging, electrical installtions, excavations and safety training only	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.

Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
25	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.20	To Ensure risk assessment/ hazard spotting exercises are carried out on regular basis Preparation/ monitoring/ approval of Permit-to-work, HIRA & Method statement, JSA, lifting plan and development of auxiliary documents/ formats related to HSE plan (related to their respective job). The agency personnel shall sign the documents on behalf of BHEL. Issue, renewal, closing and extension of permit on behalf of BHEL Safety for concerned site activities. Random checking of all other PTW on sample basis will be done by the agency. Rigging expert, to be engaged by the agency, will have to guide the execution team in preparation of lift plan.	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for carrying out risk assessment/ hazard spotting exercises are carried out on regular basis and preparing/ monitoring/ Permit-to-work, HIRA & Method statement, JSA, and development of auxiliary documents/ formats related to HSE plan for all work work activities at the aite. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of work shall be limited to carrying out risk assessment/ hazard spotting exercises are carried out on regular basis and preparing/ monitoring/ Permit-to-work, HIRA & Method statement, JSA, and development of auxiliary documents/ formats related to HSE plan for scaffolding, working at height, rigging, electrical installations, excavations and safety training only	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.				
Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
26	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.21	Coordinating along with BHEL closely with those responsible for Emergency Procedures within the organization to ensure, so far as possible, the prevention of fire and the safe evacuation of employees in emergency situations	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installtions, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for coordinating closely with those responsible for Emergency Procedures within the organization to ensure, so far as possible, the prevention of fire and the safe evacuation of employees in emergency situations Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of regular audits shall be limited to regular audits of specific equipment or work activity such as scaffolding, working at height, rigging, electrical installtions, excavations and safety training.	Not Agreed. Agency will have to give equal support in association with other safety engineers at site in handling these emergency situations. Though it will be mostly limited to their work areas, however, they can also be asked to lend support to other areas depending on site situation.
27	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.22	Guidance to agencies for labour welfare measures at site and at labour colony along with conductance of audits of these measures/ areas, monitoring closure of these issues.	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installtions, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for providing guidance to agencies for labour welfare measures at site and at labour colony along with conductance of audits of these measures/ areas, monitoring closure of these issues. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the said item be excluded form the scope of work	Not Agreed. Agency will have to give equal support in association with other safety engineers at site.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.				
Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
28	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.26	Inspection of electrical installation and booths and coordination & implementation of statutory requirements as per acts and rules. Site specific LOTO system (both electrical and nonelectrical) shall be developed by agency and managed during various stages of commissioning activities.	Provision of pad locks, hasp and other such items and facilities for implementation of LOTO system, shall be in the scope of BHEL. The rest is ok.	Agreed.
29	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.27	Daily Safety Clearance shall be given by the agency along with implementation of necessary PTW system. (related to respective jobs)	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for implementing PTW system and giving daily safety clearance. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the scope of work shall be limited to implementing PTW system and giving daily safety clearance for the work activities pertaining to scaffolding, working at height, rigging, electrical installations and excavations only.	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.

Providing services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.				
Tender Number: PSER:SCT:SDG-Q2089:20. TCN-01 (ANNEXURE-A)				
Sl. No	Tender Clause	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
30	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.29	You shall provide necessary support services to BHEL site management in preparation for ISO audits/ HSE activities. Inspection documents/ results shall be retained/ stored by you in such a manner that the same can be produced during ISO/ HSE audits at site.	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations, etc. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that ISO audit/HSE activities requires experience of implementation and/or auditing of full-fledged HSE/safety management system. Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the said item be excluded from the scope of work	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.
31	VOLUME II & ID TCC, (REV 0)- Cl. No. 4.10.31	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,	The proposed manpower includes only equipment or activity -specific experts. The intervention of these experts, will be of course limited to the safety issues involving that specific equipment or work activity such as scaffolding, working at height, rigging, electrical installations, excavations and safety training. There is no provision for overall HSE/Safety management experts like Safety Manager or Safety Engineer. It may be noted that only Safety Manager/ Safety Engineers having experience of implementation and/or auditing of full-fledged HSE/safety management system are good/fit for very effectively implementing 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 Hence It is proposed that either necessary nos. of Safety Manager and /or Safety Engineers should be included in the proposed manpower or the said item be excluded from the scope of work	This is limited to the areas of specializations/ work of the experts to be deputed by the bidder at site.
32	VOLUME II & ID TCC, (REV 0)- Cl. No. 7.4.3	Local conveyance during mobilization of manpower, during periodic audit & monthly hand holding session will only be arranged by BHEL. It will be limited to nearest airport/ railway station as the case may be.	The SOR does not include for periodic audit & monthly hand holding sessions. Hence It is proposed that either periodic audit & monthly hand holding sessions should be included in the SOR as a separate item or the said item be excluded from the scope of work	This clause is to be deleted.

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 services for Development of Safety Culture and Effective Implementation of Health, Safety & Environment (HSE) at 1X660 MW Unit, Sagardighi Super Thermal Power Project, West Bengal.	
Ref	1.0	Tender no PSER:SCT:SDG-Q2089:20.
	2.0	BHEL's NIT, vide reference no PSER:SCT:SDG-Q2089:8272 Date: 20-11-2020.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:SDG-Q2089:TCN-01 Date: 23-11-2020.
	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).

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

फैक्स/Fax : (033) 23211960

फ़ोन/Phone : बोर्ड/EPABX : 033-2339 8000/ 2339 8236