


VOLUME - IA

Technical Conditions of Contract (TCC) for “scaffolding
works”
FOR

IOCL Paradip-Standby SRU (525TPD) Train
project

BHARAT HEAVY ELECTRICALS LIMITED

Technical Conditions of Contract (TCC) for: “Scaffolding Works”

 Bharat Heavy Electricals Limited	Technical Conditions Of Contract (TCC) PROJECT ENGINEERING & SYSTEMS DIVISION HYDERABAD	Ref No: HY/PE&SD/P rojects/TCC/ 2024- 25/Scaffolding/01		
		Rev. No.	00	
COPYRIGHT AND CONFIDENTIAL The information on this document is the property of BHARAT HEAVY ELECTRICALS LIMITED. It must not be used directly or indirectly in any way detrimental to the interest of the company.	TECHNICAL CONDITIONS OF CONTRACT (TCC) FOR “SCAFFOLDING WORKS” FOR IOCL PARADIP-STANDBY SRU (525TPD) TRAIN PROJECT			
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Volume IA Part I Contract Specific Details

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Chapter I- Project Information

1.0 Project Details			
1	Customer	:	IOCL, Paradip, Odisha
2	Project Information	:	IOCL Paradip-Standby SRU (525TPD) Train project
3	Location	:	Paradip, Odisha
4	Address Detail	:	IOCL, Paradip, Jagatsinghpur District, Odisha, India
5	Nearest Railway Station	:	Paradip Railway Station
6	Road Approach	:	118KM from Bhubaneswar via Cuttack and NH 53
7	Nearest Air Port	:	Biju Patnaik Airport, Bhubaneswar, Odisha, 125KM
11	Ambient Air Temperature (Average)	:	a) Maximum : 39 ⁰ C b) Minimum : 16 ⁰ C
12	Average Relative Humidity	:	71 %
13	Climatic Condition	:	Tropical Climate

The above information furnished is for the general guidance of the contractor. However, the contractor is advised to visit the site and appraise himself about the conditions of the site and infrastructure available in the area for fulfilling their commitments under the contract. All costs for and associated with site visits shall be borne by the bidder.

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Chapter II- Scope of Work and Technical Specifications

1. BROAD SCOPE OF WORK.

1. Scope: BHEL is executing Standby Sulphur Recovery Unit (SRU) train of 525 TPD along with Tail Gas Incinerator Project at IOCL Paradip Refinery, Odisha. Scope of work of this document shall be executed as per IOCL/ BHEL specifications. Scope under this document shall comprise but not limited to the following (All the works mentioned here under shall be carried out within the accepted rate unless otherwise specified):

1.1 Supply, mobilization, transportation, installation, inspection, clearing for work with “Green Tag”, dismantling “Red Tag”, demobilization of Scaffolding of approximately 16000 Sq. Meter:

1.1.1 Contractor’s scope of work for Scaffolding shall be following:

- I. This work will be given directly to the vendor (vendor registration will be done through IOCL for which all desired documents needs to be submitted). All statutory compliance for supply & labour (HR) will be in the scope of the vendor.
- II. Supply & receipt of material to site including transportation will be in the scope of the vendor.
- III. Third Party Inspection (Inspector's approvals/ certificates as applicable), obtaining permit to work, Safety steward, etc.
- IV. All Tools & Tackles for installation & dismantling & safety compliance requirements are in vendor's scope.
- V. Mobilization of Scaffolders & Materials within a week time from the date of issue of order.

1.1.2 Scope and philosophy of material supply shall be as follows:

- I. Scaffolding standard to be followed: IS:3796, IS:4014-1967, IS:1161, IS:2750 or equivalent international standards.
- II. Scaffolding measurement in SQM: 2 (length + width) x height area covered by the scaffolding is to be taken.
- III. Erection of scaffolding as per ISMS (Indian Oil Safety Management System) standard-1007.
- IV. Tags for "Fit for Use" in Green-color & "Not Fit for Use" in Red-color to be fitted on scaffolding as per ISMS standard-1007.
- V. Scaffolding design should consider the worst load combination expected during its service period.
- VI. The supporting structure should be sufficient in strength, stability & rigidity.
- VII. The scaffolding measurement to be done by breaking the height into parts as per height slab mentioned below and adopting respective rates against mentioned height slabs.

Up to 6m height
Above 6m Up to 10m height
Above 10m Up to 20m height
Above 20m Up to 30m height

2. GENERAL REQUIREMENTS

2.1 Bidder shall submit along with technical bid a **copy of** technical details of the perforated anti-skid Scaffolding planks, scaffolding walk boards, steel safety planks, steel board for construction.

2.2 Bidder shall make available the complete set of scaffolding materials like pipes, planks, clamps, aluminium ladder, ladder clamps, sole plates, base plate, beam clamps etc. in one go, that is at the time of mobilization. However, the

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scaffolding work shall be initially and subsequently assembled as per the site requirement to be specified by the BHEL site engineer.

2.3 The scaffolding shall be equipped with rest platform and guardrail etc. and other protective facilities for the workers' personal safety when moving up & down.

2.4 Planning and Assessment:

Site Survey: Conduct a thorough site survey to assess the pipe rack's current conditions, access points, and potential hazards.

Identify Priority Areas: Identify scaffolding requirements as per the priority provided by the Engineer- In- Charge (EIC).

Documentation: Prepare the necessary documentation, including work permits, job procedure and job safety analysis. Ensure compliance with IOCL safety regulations.

Approval: Get necessary approvals from the EIC and stakeholders before proceeding.

2.5 Resource Allocation:

Personnel: Mobilization of trained scaffolding team. Ensure that scaffolders are certified and experienced in working at different elevations.

Materials and Equipment: Arrange all required scaffolding materials (pipes, boards, couplers, base plates, etc.) and equipment (harnesses, PPE, etc.). Ensure materials are inspected and free from defects.

Safety Gear: Provide all necessary Personal Protective Equipment (PPE) for workers, including hard hats, safety harnesses, gloves, and fall protection.

2.5 Establishing Safety Protocols:

Toolbox Talks: Conduct a toolbox talk before commencing work each day. Discuss the task, potential hazards, and safety measures to ensure everyone is aware.

Risk Assessment: Identify hazards such as overhead power lines, uneven ground, and confined spaces. Establish control measures to mitigate risks.

Barricading and Signage: Clearly demarcate the work area with barricades and warning signs to restrict unauthorized access.

2.6 Erection Sequence:

BHEL Execution Erection Plan: Follow the erection sequence and guidelines provided by the BHEL Execution team. Ensure that the erection sequence plan is understood by all scaffolding personnel before beginning. The BHEL Execution team will provide specific instructions regarding the placement of standards, ledgers, transoms, bracing, and tie-in points.

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2.7 Scaffolding Erection:

Carry out the scaffold erection strictly according to the sequence provided by BHEL Execution.

Scaffolding Base Preparation: Ensure a solid and stable base for the scaffold. Use base plates and sole boards as required.

Erection Sequence: Erect scaffolding in accordance with standard procedures. Start with vertical standards and base plates. Secure ledgers and transoms to create the required framework. Ensure the scaffold is properly braced for stability.

Access and Working Platforms: Install ladders for access. Ensure that working platforms are fully boarded and have toe boards and guard rails.

Tie-In Points: Secure the scaffold to the existing structure at appropriate tie-in points to prevent movement.

2.8 Inspection and Clearance

Vendor Scaffolding Inspector Review: Arrange for the scaffolding to be inspected by the vendor's certified scaffolding inspector to verify compliance with standards.

BHEL HSE Team Inspection: After vendor inspection, request an inspection from the BHEL HSE Team for final clearance.

Rectifications: If any deficiencies are found during inspection, rectify them immediately and re-inspect to ensure compliance.

2.9 Provision for Access Ladder as per instruction of BHEL HSE:

Normal Access: Install a ladder or stair tower to provide normal access to the scaffolding. Ensure that it is stable, securely fixed, and provides safe and easy access for personnel at all elevations.

Emergency Access: Provide an additional emergency exit ladder on the opposite side of the scaffolding structure. The emergency access should be clearly marked with signage and kept unobstructed at all times. Ensure that the emergency access leads directly to a safe egress point for quick evacuation.

2.10 Certification of Completion:

Inspection Report: Obtain clearance and inspection reports from both the vendor scaffolding inspector and the BHEL HSE Team.

Handover to EIC: Once all inspections are satisfactorily completed, hand over the scaffolded structure to the EIC for use. The completion of work will be formally certified only after clearance from both the vendor inspector and BHEL HSE Team.

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2.11 Maintenance and Monitoring:

Regular Checks: Conduct weekly checks on the scaffolding to ensure its integrity during ongoing work.

Safe Use Protocols: Instruct all personnel using the scaffold to adhere strictly to safety protocols. Monitor the scaffold for any unauthorized modifications.

2.12 Dismantling:

Safe Removal: Once work is completed, dismantle the scaffold in a sequence opposite to its erection. Ensure the area is clear of any personnel during dismantling.

Housekeeping: Clean the worksite, properly stack all dismantled scaffolding materials, and remove debris to avoid creating new hazards.

2.13 Documentation and Record Keeping:

Maintain records of all scaffolding inspections, certifications, and toolbox talks for reference and compliance verification.

Record all incidents and near-misses during scaffolding activities, and take corrective action to prevent recurrence.

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Chapter III- Facilities in the scope of Contractor

- The material required for temporary supports are to be arranged by contractor.
- Primer for Repair (if any), Intermediate Paint and Final Paint (Supply & Application) as per Customer Specification is in the scope of the Contractor
- Any modification to be carried out at site (to be duly approved by PE&SD) on the pre-fabricated planks or fit ups shall be done by the contractor.
- Access platforms wherever required as per piping Layout/ as per final site conditions, are in the scope of Contractor. The facilities in the scope of contractor as per the below mentioned table.

Description	BHEL	BIDDER	
CONSTRUCTION purpose			
Construction of bidder's office, canteen and storage building including, supply of materials and other services		YES	
Bidder's all office equipment,		YES	
Canteen facilities for the bidder's staff,		YES	
supervisors and engineers etc.		YES	
Fencing of storage area, office, canteen		YES	
etc. of the bidder		YES	
Arranging the materials required for Work. Coordination for inspection & checking if any. getting clearance from customer. Work Permits, gate pass, etc. from customer for manpower, machinery and material		YES	

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Electricity For construction purposes		YES	Electricity shall be provided by IOCL/ BHEL at one point on chargeable basis. Further distribution from IOCL/ BHEL feeder point shall be done by contractor.no separate payment for downstream power distributrion shall be made.Contractor shall install calibrated energy meter at feeder point for billing purpose.
WATER			
For construction purposes		YES	Water shall be provided by IOCL at one point on chargeable basis. Further distribution shall be done by the contractor.no separate payment for downstream distribution shall be made. The cost of water supply shall be recovered from CONTRACTOR’S running/ final account bill at 0.25%. However, in case BHEL/ IOCL is not able to provide construction water due to any reason whatsoever, CONTRACTOR shall be responsible for making all arrangements for Construction water at his cost. Any statutory requirements/ documentation etc. to this effect shall be met by the CONTRACTOR
<u>Water supply for Living Purpose</u>		YES	
LIGHTING			
At the construction site /area			
For construction work The contractor shall make provision of bulbs,switches,cables etc.		YES	
Mobilization & Demobilization		YES	The contractor shall arrange the mobilization & demobilization of sub-assemblies, components, assembly, dismantling/loading. The contractor shall also arrange to and fro transportation, skilled manpower, and consumables at his own cost.

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Chapter- IV: T&Ps and MME to be deployed by Contractor

A: TOOL & PLANTS

The contractor shall deploy all necessary T&P required for assembling & dismantling of Scaffoldings to meet the schedules & as prescribed by bhel engineer and required for completion of work.

B: MEASURING AND MONITORING DEVICES (MMD):

NA

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Chapter- V: Facilities by BHEL

NA

Chapter- VI: Time Schedule

1. TIME SCHEDULE & MOBILIZATION

1.1 INITIAL MOBILIZATION AND TENTATIVE SCHEDULE FOR COMMENCEMENT OF SERVICES

The deployment schedule of the Scaffolding work indicated here is tentative. Notwithstanding such indications, the Work shall be commenced and made operational at the site within Seven (07) days from the written intimation. A separate written notice asking to deploy the manpower, materials & machinery shall be issued by BHEL.

SL. No	Identification	PROJECT	TENTATIVE DEPLOYMENT MONTH/YEAR	REGULAR CONTRACT DURATION	EXTENSION PROVISION
1	Scaffolding works at SRU	525TPD Standby Sulfur Recovery Unit (SRU) PROJECT, IOCL Paradip, DISTRICT: Jagatsinghpur, Odisha-754141	3rd week of October -2024	02 months (Period of Green Tag)*	Extension in the contract will be provided in case Scaffolding is required beyond regular period as specified will be for minimum period of 1 month, and further another month

*

The total contract period shall be of 4 months(01 months for mobilization & assembling& achievement of Green tagging+02 months in Green tag condition +01 month for dismantling& De Mobilization) Delay in Mobilization, Assembling & achievement of green tagging shall attract a penalty as per (Liquidated Damages/Penalty) of General Conditions of Contract- Volume-IC(Clause no2.7.10)

1.2 COMMENCEMENT OF CONTRACT, REGULAR CONTRACT PERIOD, TERMINATION & FORECLOSING

The contract period shall start from the date of reaching to the project site location within the plant premises .However, if there is delay in issue of gate pass for reasons not attributable to the bidder beyond 72 hours of scaffolding resources (material,manpower& machinery)reaching the plant gate at IOCL, Paradip Refinery, the date of commencement be proportionally shifted ahead. The decision of BHEL Engineer in this matter shall be final and binding. The Contract

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Period (duration of hiring) will generally be as indicated under ‘Regular Duration’ in tabular form earlier here. The Contract Period may be extended depending upon the requirement of BHEL as specified therein.

If the performance/services of the contractor are not to the satisfaction of BHEL, the contract is liable for termination without prior notice.

BHEL reserves the right of foreclosing the contract within the contract period with 30 days advance written notice without assigning reason and no payments will be made for the period after foreclosure.

1.3 EXTENSION PERIOD

Applicable monthly hire charges for the Extension Period in green tag condition as proposed in this Tender Specification (and any further extension beyond the extension period specified in this tender) shall be 25 % of the total value after measurement of scaffolding as per SOQR upon achieving green tagging (Which is defined as “X” at **clause no 1.4 of Chapter- VII: Terms of Payment**

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Chapter- VII: Terms of Payment

1. PAYMENT TERMS

- 1.1** The contractor shall submit his Running Account (RA) Bills towards mobilization& assembling, monthly charges, de-mobilization charges, GST, etc., with all the details required by BHEL on or before the specified date every month. Payment of Monthly Hire Charges as certified by the BHEL Engineer-in-Charge will be made once in a calendar month at BHEL Site. The billing cycle may be as per mutually agreed cut-off dates.
- 1.2** Payment for RA Bills will normally be released in around 30 days of submission of the bill with measurement/log sheets. The contractor shall make his own arrangement for making payment of impending labor wages and other dues in the meanwhile.
- 1.3** Progressive Monthly hiring period shall be considered for payment purposes from the date of successful operation & utilization of scaffolding for BHEL work purpose and until the scaffolding is withdrawn for de-mobilization from the site.
- 1.4** No advance payments shall be made by BHEL for this contract.

SL NO	Description	Remarks
1	<p>Supply of all scaffolding materials, transportation to work site, erection of scaffolding at site as per ISMS (Indian Oil Safety Management System) Standard-1007 on Scaffold Safety with safest and reliable design. Scaffolding design should consider the worst load combination expected during its service period. The supporting structure should be sufficient in strength, stability, and rigidity; The safety of personnel associated with the erection, alteration, and dismantling of the scaffold; the safety of persons using the scaffold; and the safety of persons in the vicinity of the scaffold to be considered mandatorily. Standard Tags for "Fit for Use" in Green Color and "Not Fit for Use" in Red Color to be filed on scaffolding as per ISMS Standard1007.</p> <p>Note: 1. For measurement in SQM: 2 (length + width) X height area covered by the scaffolding is to be taken.</p> <p>2. Scaffolding measurement to be done by breaking the height into parts as per height slab mentioned below and adopting respective rates against mentioned height slabs.(see clause 1.1.2(VII) of Chapter II- Scope of Work and Technical Specifications</p>	<p>Payment Terms: Payment shall be made as per following methodology. Total value after measurement of scaffolding as per SOQR upon achieving green tagging –“X”</p> <p>1.40% of “X” after successful green tagging of the scaffolding.</p> <p>2. 25% of “X after one month from the date of use/ Green tag</p> <p>3. 25% of “X for 2nd month of green tagging .</p> <p>4.10% of “X for dismantling & site clearance of scaffolding as final bill.</p>

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1.5 PRO-RATA DAILY & HOURLY HIRE CHARGES: In case services are availed during green tagging for part of a calendar month, pro-rata payment of green tagging for the utilized number of days shall be made by BHEL as follows.

1.5.1 Pro Rata Daily Hire Charges = Monthly Hire Charges in Green tag divided by 26

1.5.2 Pro Rata Hourly Hire Charges = Monthly Hire Charges in green tag divided by 312

1.6 HOURLY OVERTIME CHARGES: NA

1.7 SERVICES IN EXTENDED HOURS: Void

1.8 BREAK-IN SERVICES DUE TO BREAKDOWN, ABSENCE OF OPERATING CREW ETC. DISALLOWANCE OF RENTAL/ OFFSETTING OF LOST HOURS

1.9.1 The contractor shall ensure 100% availability of the services of the scaffolding along with operational manpower whenever required by BHEL. If however there is any breakdown of the scaffoldings, the services shall be restored at the earliest so as not to affect the work at the project site.

Idling will be considered when ever the scaffolding will be under RED TAG condition as certified by BHEL/IOCL/PMC safety. When the Scaffoldings becomes idle for reasons not attributable to BHEL, the idle Period for making the Scaffolding ready shall not be paid as rental charges, also a penalty of 50 % of the rate for that idle period shall be deducted. I.e. total deduction shall be 1.5 times of idle period from monthly hire charges on a pro-rata basis as per clause no. 1.5.

Example:

The monthly Hire Charge in Green Tag is ₹ 26,000/-

Per day Hire Charge is ₹ 1,000/-

Scaffoldings idle for the reasons not attributable to BHEL- 02 days

Monthly Hire Charge: ₹ 24000/- (₹ 26,000 - ₹ 2000)

Penalty for 02 days: $0.5 \times 1000 \times 2 = ₹ 1000/-$

Monthly Payment: ₹ 23000/- (₹ 24,000 - ₹ 1000)

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Chapter-VIII: BOCW Act & Cess Act

Bidder may please note that the sub-contractor/bidder of BHEL engaging building or construction worker in connection with building or other construction work, are required to follow the procedures enumerated below:

1. It shall be the sole responsibility of the contractor as employer to ensure compliance of all the statutory obligations under the Building and other Construction Workers’ (Regulation of Employment and Conditions of Service) Act, 1996 and the Building and other Construction Workers’ Welfare Cess Act, 1996 and the rules made thereunder.
2. It shall be sole responsibility of the contractor engaging Building Workers in connection with the building or other construction works in the capacity of employer to apply and obtain registration certificate specifying the scope of work under the relevant provisions of the Building and Other Construction Workers’ (Regulation of Employment and Conditions of Service) Act, 1996 from the appropriate Authorities.
3. It shall be responsibility of the contractor to furnish a copy of such Registration Certificate within a period of one month from the date of commencement of Work.
4. It is responsibility of the contractor to register under the Building and other Construction Workers’ Welfare Cess Act, 1996 and deposit the required Cess for the purposes of the Building and other Construction Workers’ (Regulation of Employment and Conditions of Service) Act, 1996 at such rate as the Central Government may, by notification in the Official Gazette, from time to time specify. However, before registering and deposit of Cess under the Building and other Construction Workers’ Welfare Cess Act, 1996, the contractor will seek written prior approval from the Construction Manager.
5. It shall be sole responsibility of the contractor as employer to get registered every Building Worker, who is between the age of 18 to 60 years of age and who has been engaged in any building or other construction work for not less than ninety days during the preceding twelve months as Beneficiary under the Building and other Construction Workers’ (Regulation of Employment and Conditions of Service) Act, 1996.
6. It shall be sole responsibility of the contractor as employer to maintain all the registers, records, notices and submit returns under the Building and other Construction Workers’ (Regulation of Employment and Conditions of Service) Act, 1996 and the Building and other Construction Workers’ Welfare Cess Act, 1996 and the rules made thereunder.
7. It shall be sole responsibility of the contractor as employer to provide notice of poisoning or occupation notifiable diseases, to report of accident and dangerous occurrences to the concerned authorities under the Building and other Construction Workers’ (Regulation of Employment and Conditions of Service) Act, 1996 and the rules made thereunder and to make payment of all statutory payments & compensation under the Employees’ Compensation Act, 1923.
8. It shall be the responsibility of the sub-contractor as employer to make payment/deposit of applicable cess amount on the extent of work involving building or construction workers engaged by the sub-contractor within a period of one month from the receipt of payment. It shall also be responsibility of the Contractor to furnish BHEL on monthly basis, Receipts/ Challans towards Deposit of the Cess under the Building and other Construction Workers’ Welfare Cess Act, 1996 and the rules made thereunder along with following statistics:
 - (i) Number of Building Workers employed during preceding one month.
 - (ii) Number of Building workers registered as Beneficiary during preceding one month.
 - (iii) Disbursement of Wages made to the Building Workers for preceding wage month.
 - (iv) Remittance of Contribution of Beneficiaries made during the preceding month

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9. BHEL shall reimburse the contractor the Cess amount deposited for the purposes of the Building and other Construction Workers’ (Regulation of Employment and Conditions of Service) Act, 1996 under the Building and other Construction Workers’ Welfare Cess Act, 1996 and the rules made thereunder. However, BHEL shall not reimburse the Fee paid towards the registration of establishment, fees paid towards registration of Beneficiaries and Contribution of Beneficiaries remitted.

10. It shall be responsibility of the Building Worker engaged by the Contractor and registered as a beneficiary under the Building and other Construction Workers’ (Regulation of Employment and Conditions of Service) Act, 1996 to contribute to the Fund at such rate per mensem as may be specified by the State government by notification in the Official Gazette. Where such beneficiary authorizes the contractor being his employer to deduct his contribution from his monthly wages and to remit the same, the contractor shall remit such contribution to the Building and other construction Workers’ Welfare Board in such manner as may be directed by the Board, within the fifteen days from such deduction.

11. Bidders may please note that though the quoted price is exclusive of BOCW (which will be reimbursed by BHEL as per sub-clause 9 above) , however, If at any point of time during the contract period, non-compliance of the provisions of the Building and other Construction Workers’ (Regulation of Employment and Conditions of Service) Act, 1996 and the Building and other Construction Workers’ Welfare Cess Act, 1996 and the rules made thereunder is observed, BHEL reserves the right to deduct the applicable cess (1%) on the contract value and penalty (if any, imposed by Cess Authorities) from the payables on account of non-compliance.

12. The contractor shall declare to undertake any liability or claim arising out of employment of building workers and shall indemnify BHEL from all consequences / liabilities / penalties in case of non-compliance of the provisions of the Building and other Construction Workers’ (Regulation of Employment and Conditions of Service) Act, 1996 and the Building and other Construction Workers’ Welfare Cess Act, 1996 and the rules made thereunder.

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Chapter-IX: General

1. BHEL also reserves the right to cancel the Tender wholly or partly without assigning any reason thereof. In addition, BHEL shall not entertain any correspondence from bidders in this matter (except for the refund of EMD).
2. **Road permits, GST and Declaration Forms, etc. required for deployment of the SCAFFOLDINGS at the destination sites shall be arranged by the bidder and necessary registration and/or permission as may be applicable in the respective states shall duly be complied with by the bidder. Quoted price/rates shall be inclusive of the above. BHEL will neither issue any Road Permit /GST declaration forms for this purpose nor pay any taxes in this regard.**

3. GENERAL

- 3.1 In case of any contradiction between “General Condition of Contract” & “Technical Conditions of Contract” of this Tender Specification, the provisions of Technical Condition of Contract shall prevail.
- 3.2 In case of contradictions between Quoted Unit Rate and Total Amount, the quoted Unit Rate shall be taken as correct and the total amount recalculated for the intended order quantity.
- 3.3 In case of contradictions between Rates in Figures and Rates Words, the lesser of the two shall be considered as correct.
- 3.4 **In case BHEL finds that any bidder has furnished incorrect information, the offer is liable for rejection.**

4. STATUTORY REQUIREMENTS

ESI & EPF as applicable shall be obtained by the Contractor within the quoted rates.

5. GATE PASS FOR MEN & MATERIALS

The contractor shall arrange the entry/out gate pass for their crew and materials (Scaffolding parts, trailers etc.) for which necessary documents will be forwarded by BHEL to the client. However, the responsibility to get the gate pass from the customer shall lie with the bidder. Any claim because of delay in gate pass approval from the customer shall not be entertained in any case. The contractor shall maintain duly endorsed records of all incoming equipment to facilitate a grant of outward gate passes.

6. INSURANCE COVER FOR MEN & MATERIALS

The Contractor shall arrange necessary CPM Insurance cover with appropriate Third Party Liability cover for the scaffolding s and WC/Personal Accident Policy as applicable for the O&M crew. If any accident/injury/loss occurs due to the operation of the scaffolding, to any other persons/ public and the properties of BHEL/client/other agencies/third party, the contractor shall have to pay necessary compensation and other expense, so decided by the appropriate authorities. BHEL/Client has obtained comprehensive Marine cum Erection All Risks Insurance Policy for the plant under installation and other assets of BHEL.

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Accidental loss/damage to these materials will be covered under this policy. Contractor shall arrange for necessary insurance cover for the assets owned by him.

7. ACCOMODATION & LOCAL CONVEYANCE

Contractor has to make their own arrangement for accommodation, local transport and other amenities for their crew at project site.

8. DAILY LOG BOOK

The contractor shall maintain a logbook in duplicate giving full operation details, preventive maintenance and Breakdown records and obtain counter signature of BHEL Engineer in Charge on a daily basis. Original log sheets shall be submitted to BHEL at regular intervals as directed by BHEL and before submission of monthly bills.

9. RELIEVERS FOR OPERATING CREW

In case any member of the operating crew proceeds on leave/ is absent, the contractor shall arrange alternative beforehand for continuation of work to meet BHEL’s time-bound erection programme. The contractor shall intimate BHEL in writing, minimum 7 days in advance before making any such changes.

10. Safety, Occupational Health and Environmental Management

As per “Health Safety Environment Plan” which is part of Volume IC-GCC.

11. LIQUIDATED DAMAGES: As per GCC & conditions in this Technical Bid Volume-I

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Chapter-X - Rate Schedule & Price Bid related

1. **RATE SCHEDULE, QUOTED RATES / PRICE & CONTRACT VALUE.**
2. Bidders shall quote their price in the Rate Schedule furnished in “Price Bid Specification” this tender specification.
3. Prices shall be inclusive of all applicable taxes (**excepting GST**), levies, services, consumables as per provisions under the Terms & Conditions in the scope of contractor mentioned in this Tender Specification.

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Chapter-XI - Technical Specifications of the Offered Scaffolding

1. INSTRUCTION FOR FILLING UP APPENDICES

Not Applicable

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Chapter-XII- Annexures

1. **Annexure-I:** HSE guidelines of the customer. The bidder shall follow all the customer HSE specifications along with BHEL HSE guidelines. Document No: 080557C-HSES-LSTK1-001 of Customer.