

Corrigendum - 3 dated 05/06/2024 to CPC Tender No. BHEL/CPC/LRA/MPH/25/013

Corrigendum - 3 dated 05/06/2024 To CPC Tender No. BHEL/CPC/LRA/MPH/25/013 for the work of “CIVIL AND ARCHITECTURAL WORKS OF POWER HOUSE AREA FOR UNIT-1 & UNIT-2 (EXCLUDING TG FOUNDATION AND TRANSFORMER YARD) INCLUDING CCR, BUNKER FLOORS, MACHINE ROOM, ETC. AT 2X800 MW NTPC LARA STPP STAGE II, RAIGARH, CHHATTISGARH STATE, INDIA”.

A) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are as below;

Sl. No.	Reference clause of tender document	Existing Provision	Bidder's Query	BHEL's Clarification
1	TCC- Cl. 6.10.1, GCC 2.24.1	Guarantee Period/ Defect Liability Period	In GCC Cl. 2.24.1 mentioned that Guarantee period for workmanship is Twelve months from work completion. Kindly confirm that the same period is applicable for the overall contract for period of Guarantee/Defect Liability Period.	It can be clarified as below, Contract period (28 Months) (Refer Clause 6.1 & 6.2 of TCC; Clause 2.10 of GCC) plus extension (if any) beyond original contract period required for completion of contracted scope of work (Refer Clause 2.11 of GCC) plus 12 months for Guarantee period for workmanship (Refer Clause 2.24 of GCC).
2	TCC- Cl. 3.7.1 b)	Drawings for construction methods	In tender documents drawing for construction method is both parties i.e. BHEL & Bidder, kindly clarify scope of Bidder.	Bidder has to submit it to BHEL for review and onward approval of competent authority
3	TCC- Cl. 9.1	Free Issue Materials	Kindly provide location and distance between BHEL Store to site for the free Issue Materials (Reinforcement steel, cement, MS Rod). Also, We request BHEL to confirm, if the movement of construction men and machinery will have exclusive entry into the plant site.	Bidder shall visit project site and acquire full knowledge and information about conditions prevailing at site... in line with clause 1.1 of TCC
4	SCC- Cl. 4.2.2.14; TCC- Cl. 4	Crane	Kindly clarify Crane is free issue by BHEL or Bidder should consider under their scope.	Refer Chapter-V of TCC; BHEL shall not provide any T&Ps for this scope of work. All T&Ps required for handling of items/ materials to be arranged by bidder.

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Sl. No.	Reference clause of tender document	Existing Provision	Bidder's Query	BHEL's Clarification
5	TCC- 6.2.2.6	Scope of BHEL Shifting equipment's	We presume that the shifting of any BHEL equipment is not in the scope of the bidder. Kindly confirm.	Clause 6.2.2.6 of TCC pertains to time schedule for completion of equipment foundation at ground floor of Power House. Shifting of any BHEL equipment is not in the scope of bidder.
6	TCC- Cl. 1.1	Tender Drawings	Kindly issue architectural, civil structural drawings both CAD and PDF Formats. In the absence of drawings which were not being made part of the tender as clarified in the pre-bid meeting, the bidders will face the challenge of assessing the complexities in each of the items of work. There is a chance that a bidder will either miss or overestimate the impact. Neither of the situations are desirable for the appointed contractor to successfully complete the project. We once again request BHEL to issue at least architectural drawings of the build.	Detailed drawing will be issued to the successful bidder during execution stage.
7	TCC- Cl. 2.6.2	Daily Working Time	Kindly provide construction working time per day.	Bidder shall visit project site and acquire full knowledge and information about conditions prevailing at site... in line with clause 1.1 of TCC.
8	TCC-Chapter X, Cl 6	Contract Type and Technical Specification.	We presume that this is an Item Rate Contract. The technical specification contains items beyond BOQ line items. We assume that we have to consider technical specifications for only items which are there in BOQ. Kindly confirm.	In case, such concerns of bidder occurs, Clause 2.15.7 of GCC (Extra Works for Civil Packages) shall be applicable.

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Sl. No.	Reference clause of tender document	Existing Provision	Bidder's Query	BHEL's Clarification
9	Part C, Sec 6 Technical Specs	Concrete	Kindly confirm whether the bidder can use fly ash for concrete. Also issue mix design for concrete grade M25, M30, M35.	Cement (OPC/PPC) shall be issued by BHEL free of cost as per BOQ cum Rate Schedule. Bidder has no role on supplementary cementitious material like Fly Ash, Micro-silica / Micro fine-GGBFS, it will be supplied by BHEL free of cost along with cement.
10	TCC- Cl. 9.1, TCC- Chapter X, Cl 6	Free Issue Materials	While quoting tender rate of free issue materials should be not be included. Kindly confirm.	Tender specification shall prevail.
11	TCC Part B BOQ	Make of Materials	Kindly provide Make of Materials like Tile, Glazing, False Ceiling, ACP, Sanitary Fixtures, Waterproofing etc.	Indicative vendor list is enclosed for reference however, other vendor may be considered with due approval of BHEL/Customer.
12	TCC Part B BOQ- A910	ACP Cladding	Kindly provide drawings for ACP Cladding for better understandings of sizes of Cladding.	Detailed drawing will be issued to the successful bidder during execution stage.
13	TCC Part B BOQ- 1400	Flooring and skirting	Kindly provide base rates for Tiling and Granites, Sanitary Fixtures.	Tender specification shall prevail.
14	TCC Part B BOQ- 900	Doors & Windows	Kindly provide drawings for Doors and Windows for better understandings of sizes of Doors and Windows.	Detailed drawing will be issued to the successful bidder during execution stage.
15	TCC Part B BOQ- 1844	Rainwater Harvesting Engineering Services	As per the line item mentioned said BOQ Sr No 1844, Engineering services for Rainwater harvesting system is under bidder scope. Also mentioned in BOQ, Actual physical execution of Rainwater harvesting paid under BOQ 1845, 1846 but Sr No 1845, 1846 is not available in	BOQ item no. 1844 is for "Providing engineering services for Rain water harvesting including preparation of Rain water harvesting scheme, collection of required data, submitting to ground water board and getting approval from Customer

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Sl. No.	Reference clause of tender document	Existing Provision	Bidder's Query	BHEL's Clarification
			BOQ. Kindly confirm scope of Rainwater Harvesting Engineering Services and provide necessary CAD drawing to estimate engineering part for RWH.	and Ground water board at start & completion of work etc. complete as per statutory norms". Execution of rain water harvesting ponds and ground water recharge scheme is not envisaged.
16	TCC Part B BOQ- A1861	Architectural design & drawings of CCR (Central control room in powerhouse building)	We presume that design of CCR room is under bidder scope except structural and equipment design not actual execution of building. Kindly provide CAD drawings for structural and equipment design to estimate cost for architectural and interior fit out design. Also, confirm that physical construction supervision is under bidder scope.	The item description is self-explanatory. However, Schematic layout drawing with room dimensions is enclosed herewith for better clarity.
17	TCC- Cl. 2.1	Scope of works	Kindly clarify that all govt authority approval for commencement of project and post construction approval like Environmental Clearance, Fire NOC, Occupational Certificate is under BHEL Scope or in Bidder scope. Kindly confirm.	Govt. authority approval for commencement of project and post construction approval like Environmental Clearance, Fire NOC, Occupational Certificate is not in the Bidder scope however, it shall cover the complete requirements as per IS codes, fire safety norms, requirements of various statutory bodies, International Standards, best prevailing practices and to the complete satisfaction of the BHEL/Customer.
18	TCC Part B BOQ- A2216-2217	Water Cooler	Kindly provide make and specification.	Single tap water efficient water cooler of Blue Star, Voltas or equivalent of specified capacity, approved by BHEL/customer shall be considered.

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Sl. No.	Reference clause of tender document	Existing Provision	Bidder's Query	BHEL's Clarification
19	TCC Part B BOQ- 2219	Eye,face washing and drinking water fountain	Kindly provide make and specification.	It shall be as per IS: 10592 and approved by BHEL/Customer.
20	TCC Part B BOQ- 100	Earth Works	Kindly confirm disposal of excavated soil inside project premises or outside of project services.	Bidder shall visit project site and acquire full knowledge and information about conditions prevailing at site... in line with clause 1.1 of TCC Refer BOQ Item No. 109 for carriage of material/earth.
21	5.04.04, TCC Part B BOQ-B111 and 3-Part-6-Sectio-C-Technical-Amendment-02-Part-4-5.pdf	Sand Filling	Kindly confirm use of crushed sand instead river sand in filling as mentioned in 3-Part-6-Section-C-Technical-Amendment- 02-Part-4-5.	Refer corrigendum no. 1 dated: 22-05-2024.
22	TCC Part B BOQ- 100	Earth Works	Kindly clarify measurement of earthwork and filling will be measured as per actual or drawing.	Refer Sub-section-D1 of Section-D (General Technical Specification)
23	TCC Part B BOQ- 211	Providing and encasing of structural steel member with concrete using nominal aggregate size of 12.5mm down. Encased members shall be wrapped with welded wire mesh/chicken wire mesh with proper lap etc. complete as per specification for the following grades. 1.M30	Please clarify below points, 1.structural member is below or above ground. 2.Thickness of concrete to be encased. 3.Size of wire mesh to be used and material specification either GI or MS. 4.Please provide lap length 5. Kindly issue drawings for clear understanding to estimate.	The information shall be available in detailed construction drawing provided during execution.
24	TCC Part B BOQ- 513	Waterproofing Compound	Please provide make of materials and specifications to estimate cost.	The make of waterproofing compound are FOSROC/ SIKA/ BASF/ Dr. Fixit or equivalent.

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Sl. No.	Reference clause of tender document	Existing Provision	Bidder's Query	BHEL's Clarification
				However, for specification kindly refer item description.
25	TCC Part B BOQ- 401	MS Reinforcements	Please confirm scope of supply of MS Reinforcements is under bidder scope.	Yes, Supply of MS Reinforcement steel is in contractor's scope.
26	TCC Part B BOQ- B2301,2302,2305,2313, 2315	STRUCTURAL WORKS	Kindly issue drawings for structural works for clear understanding and estimate cost.	Detailed drawing will be issued to the successful bidder during execution stage.
27	TCC 2.5.10	Accommodation for client/customer	Kindly clarify is accommodation and site office setup for client/customer under bidder scope.	The clause is self-explanatory. However, it clarified that accommodation and site office setup for client/customer is not in the bidder scope.
28	GCC 2.7.8	Idling of resources	If there is delay issue of GFC drawings/design and work front from BHEL how it will be compensated to bidder.	Tender specification shall prevail.
29	TCC- Cl. 2.1	Scope of works	Kindly clarify scope of coordinate between civil and Mechanical and Electrical services.	The clause is self-explanatory.
30	3-Part 1-Sec-C- Technical-Specs- Part-B-with-Techno-Commercial-Clarification"	Materials Scope of Supply	"The specification documents issued as part of the tender appear to be same as those NTPC issued based on which BHEL won the bid as EPC contractor including design. This tender from BHEL is to appoint civil works contractor on item rate contract basis." To the extent, the specifications documents have to be read in the right context of tendered scope and in strict compliance with items in the BOQ	Refer Clause 2.9.1 for better understanding.

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Sl. No.	Reference clause of tender document	Existing Provision	Bidder's Query	BHEL's Clarification
			& other conditions of contract specified in the tender. Please confirm our understanding and in light of which item 1.8 on page 41 of TCC shall also be applicable. E.g., TCC says cement, reinforcement are free issue by BHEL / "3-Part 1-Sec-C-Technical-Specs-Part-B-with-Techno-Commercial-Clarification" on page 9 says it shall be arranged by bidder..... similarly, scope of design and drawings etc.	
31	TCC- Cl. 2.1	General	We request BHEL to confirm if the location of temporary construction facilities (office, batching plant, and Storage) will be within 500 m from site.	Bidder shall visit project site and acquire full knowledge and information about conditions prevailing at site... in line with clause 1.1 of TCC
32	TCC- Cl. 2.1	Structural-Footings/ Foundation	It appears that all the foundations will be spread footings and there will be no pile foundations. Please confirm.	Piling is not envisaged in the scope.
33	TCC Part B BOQ- 100	Earth Works	Regarding earthworks, if the disposal point is at a distance more than 1 km. from project site, there should be a way to compensate for the extra distance. Please provide us the rate for extra distance of transportation beyond 1 km.	Refer BOQ Item No. 109
34	TCC- Cl. 4.1	Tools and Plants	We understand that environmental clearance is already available for the tendered scope of works. We also believe, the plant approvals, especially for ready mix batching plant is also available. Please confirm the understanding.	Tender specification shall prevail.

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Sl. No.	Reference clause of tender document	Existing Provision	Bidder's Query	BHEL's Clarification
35	BOQ Item no. A514,	Providing and applying two component transparent polyamide cured epoxy sealer coating (having solid by volume minimum 40% ±2%) of minimum 50 micron DFT followed by epoxy phenolic coating (solid by volume minimum 63%) of minimum 400 micron DFT.	Kindly provide the vendor name & contact number for obtaining quotation before submission of tender offer.	Indicative vendor list is enclosed for reference however, other vendor may be considered with due approval of BHEL/Customer.
36	BOQ Item no. B514	Providing and applying Food grade epoxy coating complying to FDA Title 21, Part 175.300 of minimum 400 micron DFT over absolutely dry, clean and dust free surface of water retaining structures storing drinking water.		
37	BOQ Item no. B907,	Providing and fixing automatically closing fire proof steel flush doors		
38	BOQ Item no.A922,	Providing and fixing electrically operated, self-operable/closing, approved anodized aluminium framed glass door with 10 mm thk. tinted glass, all complete		
39	BOQ Item no., A923,	Providing and fixing Electrically operated, self-operable/closing, G.I. framed with fire resistant glass, sliding doors with Fire resistant glazed door system		

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Sl. No.	Reference clause of tender document	Existing Provision	Bidder's Query	BHEL's Clarification
40	BOQ Item no.A926,	Providing & fixing 120 minutes Fire Rated, Fully Glazed non load bearing fixed partition with valid fire test certificate from national or international lab with Partition Frame manufactured from 1.6 mm galvanized steel shee		
41	BOQ Item no. A927,	Providing & fixing minimum 30mm thick Hermetically sealed double glass (DGU) consisting of Fire resistant glass of minimum 14mm thick, clear, toughened, interlayered borosilicate glass,120 minutes fire rated for both integrity & radiation control, remain transparent under both fire and non fire condition and 6mm thick toughened tinted glass with 10mm gap. The partitions shall be 120 minutes Fire Rated, Fully Glazed non load bearing fixed		
42	BOQ Item no. A928,	Providing and fixing of fully glazed steel door with 120 minutes fire rating, of integrity and radiation control (EW 120) fabricated with 1.6 mm thick galvanized steel sheet. The door frames are manufactured from 1.6 mm		

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		galvanized steel sheet (zinc coating not less than 120 gm/sqm) pressed to form a profile of 35 mm x 60 mm on the vertical sides		
43	BOQ Item no. A932	Providing, fixing & Installation of manually operated, frameless Vertical Roller venetian blinds with premium fabric quality with 5% openness factor HARDWARE; TOP TUBE		
44	BOQ Item no., 1309,	Two or more coats of fire resistant transparent paint		
45	BOQ Item no. A1313,	Providing and applying ready made Epoxy Paint over areas other than steel structure/flooring with suitable pigments		
46	BOQ Item no. A1417	Providing and laying Digitally vitrified ceramic tiles of matt finish of size 600x600mm from reputed / approved manufacturer		
47	BOQ Item no.A1427	Providing and fixing Designer digitally glazed ceramic tiles of approved color and design as per IS: 15622 of size 300x300mm / 300x450mm, 300X600 of reputed / approved manufacturer		

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Sl. No.	Reference clause of tender document	Existing Provision	Bidder's Query	BHEL's Clarification
48	BOQ Item no. A1435,	Providing and fixing Glass mosaic tiles		
49	BOQ Item no. A1608,	Providing and fixing Pre-Painted Coil coated Steel false ceiling system, at all level, for all kind of works, in approved pattern, consisting of 0.5 mm thick galvanised as per IS 277 including 50mm thick mineral wool insulation(density 48 kg/cum		
50	BOQ Item no. A1609	Providing and fixing stainless Steel false ceiling system in lineal/tile shape, approved colour Luxalon hunter douglas or approved equivalent, lineal pattern (closed type) of 100 mm nominal width , bright finish at all level, for all kind of works		
51	BOQ Item no. A1844	Providing engineering services for Rain water harvesting including preparation of Rain water harvesting scheme,	We would request you to kindly provide itemwise BOQ for Rain Water Harvesting. Otherwise it will be difficult to asses the value without any drawing.	BOQ item no. 1844 is for "Providing engineering services for Rain water harvesting including preparation of Rain water harvesting scheme, collection of required data, submitting to ground water board and getting approval from Customer and Ground water board at start & completion of work etc. complete as per statutory norms". Execution of rain water harvesting ponds and ground water recharge scheme is not envisaged.

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Sl. No.	Reference clause of tender document	Existing Provision	Bidder's Query	BHEL's Clarification
52	BOQ Item no. A1861	Providing engineering consultancy services for Architectural design & drawings of CCR (Central control room in powerhouse building) in harmony with the overall plant and presented in the form of presentation drawings, including 3-D perspective rendered views, panoramic views,	Kindly provide the detailed drawing for quoting of Lumpsum price before submission of our offer.	The item description is self-explanatory. However, Schematic layout drawing with room dimensions is enclosed herewith for better clarity.
53	BOQ Item no. B2301	Supply, fabrication (Site Welded as per specification), transportation from fabrication yard and erection of Medium and High Tensile structural steel	Kindly intimate the type of structure and also intimate the height of structure	The structure will be for staircase, approach ladder, platform, tertiary floor beams, at any intermediate floor between 0m to 37m height or any similar type of structure.
54			Construction power will be chargeable. What is the rate per unit?	It shall be as per prevalent rate of DISCOM and type of connection used.
55			Two batching plant mentioned (30 cum and 60cum capacity). Are both mandatory or we may use any one?	Refer clause 4.4 of TCC
56			Share list of approved vendors wherever applicable.	Indicative vendor list is enclosed for reference however, other vendor may be considered with due approval of BHEL/Customer.
57			Hard barrication will be done by pipes only. Any kind of sheeting not considered. Please confirm	Bidder may consider either of pipes or sheeting for hard barrication.

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Sl. No.	Reference clause of tender document	Existing Provision	Bidder's Query	BHEL's Clarification
58	TCC Chapter III Cl nO 3.11 of page no :17		Construction power to be supplied on Chargeable Basis – Pl indicate applicable power tariff.	It shall be as per prevalent rate of DISCOM and type of connection used.
59	Cl no 2.6 of Technical condition page no :63		Water is required to be arranged by bidder /contractor. Source of water is to be identified for considered in costing	<p>It is clarified that;</p> <p>Case-I: In case, customer will provide construction water on chargeable basis; Please refer the clause no. 3.12 of TCC regarding Construction Water. However, in case bidder drawn water from BHEL water storage reservoir on chargeable basis which is approximately 1Km- 2Km from Main Power House / TG Foundation / Transformer Yard, then necessary cost of laying water pipe line from NTPC water point to BHEL storage reservoir and construction cost of water reservoir shall be proportionately recovered from bidder. It is also to be noted that further distribution line from BHEL water storage reservoir to bidder's batching plant / actual construction site shall be constructed by bidder at their own.</p> <p>Case-II: In case, customer will not provide construction water; Bidder to arrange construction water at their own.</p>
60	Cl No: 3.10 TECHNICAL CONDITIONS OF CONTRACT (TCC) Page no: 76		Cl no 3.1 –Approach road for construction work to be developed by bidder, this being a Item rate contract whether cost of temporary road will be paid by BHEL	Tender specification shall prevail.
61			Item which is covered under security advance may allowed	Refer Clause 2.13.3 of GCC

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Sl. No.	Reference clause of tender document	Existing Provision	Bidder's Query	BHEL's Clarification
62	BOQ ST no 1844		Rate for item no 1844 of BOQ to be given on LS basis with design. For this detail information, complete layout of the proposed plant in CAD to be provided for anlysis and arriving at its unit cost. Complete technical specification of the rain water harvesting system is required to be provided for working out the cost. Details of Ash Handling and coal Handling units are also required, which are to be covered under rain water harvesting system. Item No 1845 and 1846 are related to rain water harvesting system. Details of these two items are missing in BOQ.	BOQ item no. 1844 is for "Providing engineering services for Rain water harvesting including preparation of Rain water harvesting scheme, collection of required data, submitting to ground water board and getting approval from Customer and Ground water board at start & completion of work etc. complete as per statutory norms." Execution of rain water harvesting ponds and ground water recharge scheme is not envisaged. Detailed engineering is under progress and it will provide during execution stage. However, plot plan is already provided in the tender.
63	BOQ ST no 1861		BOQ item No A 1861- Since for this item quote is to be given on LS basis .detail dimension of the control Room and a expected schematic drawing should be provided to understand the level of architecture and interior finish is required so that the volume of job and nature of job can be assessed for cost estimating .	Schematic layout drawing with room dimensions is enclosed herewith for better clarity.

Note:

- 1) All other terms and conditions against this NIT shall remain unchanged.
- 2) This corrigendum is to be submitted duly signed and stamped along with the Techno-commercial bid (Part- I).

Encl: Indicative vendor list

**for BHARAT HEAVY ELECTRICALS LTD
Sr. Manager/ SCT- CPC**

SUB-SECTION–E-60

INDICATIVE VENDOR LIST

LARA SUPER THERMAL POWER PROJECT
STAGE-II (2X800 MW)
EPC PACKAGE

TECHNICAL SPECIFICATION
SECTION-VI, PART-B
BID. DOCUMENT NO.: CS-9587-001R-2

Disclaimer for Indicative Vendor List

- 1.1 Reasonable efforts have been made to collate the sub-vendors proposed by the various main contractors from time to time against different Projects/Packages and accepted by NTPC for various items. However, in case of error/omission, if any, and represented by the successful bidder this will be addressed during the execution of the contract based on the material evidence available with NTPC / Main Contractor.
- 1.2 The approved sub-vendor list drawn is not based on NTPC driven enlistment process but based on the sub-vendors proposed by various Main Contractors. As such, it is possible that some of the Suppliers/Manufacturers who may be involved in similar work/process may not be appearing in the list as such sub-vendors may not have been proposed by Main Contractors against NTPC Contracts.
- 1.3 In case the successful bidder chooses to propose additional sub-vendors with relevant experience after the award of the contract such sub-vendors will be considered in terms of Clause no: 19.1 of GCC, provided the proposals are received sufficiently in time: 90 days prior to ordering date of a Bought Out Items/Start of Manufacturing so as not to impede the progress of the contract.
- 1.4 Sub-vendors have been grouped under different categories of items. It is possible that an item characterized by certain specific features such as range and type required as per Main Contractor's design requirements may not be in the range of the listed sub-vendor's manufacturing process/capability. As such the main contractor to ascertain the vendor's capability to meet his specific requirements before considering a sub-vendor.

LARA STPP STAGE-II (2 X 800 MW) EPC PACKAGE	TECHNICAL SPECIFICATIONS SECTION VI, PART- B Bid Doc. No.:	SUB-SECTION- E-60 INDICATIVE VENDOR LIST	Page 1 of 2
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- 1.5 It is to be noted by the bidders that any shortfall in contract performance attributable to the sub-vendor listed will not absolve the contractor from his contractual obligations in any manner.
- 1.6 The approval was granted based on the evaluation of relevant capabilities and facilities possessed by the sub-vendor at the time of evaluation. Also, some of the sub-vendors may not be active. As such, the successful bidder is to carry out his own due diligence before considering the listed sub-vendor for subletting: the current status of the sub-vendor, the continued availability of productive resources including Human Resources.
- 1.7 The list of sub-vendors is periodically revised to include new sub-vendors. Such a revision may also see a deletion of certain sub-vendors who may have been disqualified on grounds of inadequate performance or banned in line with NTPC's banning policy. The then current list will be shared with the successful bidder immediately on award.

<p>LARA STPP STAGE-II (2 X 800 MW) EPC PACKAGE</p>	<p>TECHNICAL SPECIFICATIONS SECTION VI, PART- B Bid Doc. No.:</p>	<p>SUB-SECTION- E-60 INDICATIVE VENDOR LIST</p>	<p>Page 2 of 2</p>
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- 1.4 Sub-vendors have been grouped under different categories of items. It is possible that an item characterized by certain specific features such as range and type required as per Main Contractor's design requirements may not be in the range of the listed sub-vendor's manufacturing process/capability. As such the main contractor to ascertain the vendor's capability to meet his specific requirements before considering a sub-vendor.

LARA STPP STAGE-II (2 X 800 MW) EPC PACKAGE	TECHNICAL SPECIFICATIONS SECTION VI, PART- B Bid Doc. No.:	SUB-SECTION- E-60 INDICATIVE VENDOR LIST	Page 1 of 2
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- 1.6 The approval was granted based on the evaluation of relevant capabilities and facilities possessed by the sub-vendor at the time of evaluation. Also, some of the sub-vendors may not be active. As such, the successful bidder is to carry out his own due diligence before considering the listed sub-vendor for subletting: the current status of the sub-vendor, the continued availability of productive resources including Human Resources.
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		Project/परियोजना : LARA STPP STAGE-II (2X800 MW) Package/पैकेज : EPC PACKAGE Supplier/आपूर्तिकर्ता: Contract No./अनुबंध सं.:			LIST OF ITEMS REQUIRING QUALITY PLAN AND SUB-SUPPLIER APPROVAL क्वालिटी प्लान तथा सब- वेंडर के अनुमोदन सहित मदों की सूची SUB-SYSTEM उप-प्रणाली: CIVIL WORKS			DOC. NO./दस्तावेज सं.: REV. NO.: DATE/तिथि : 08.06.2022 PAGE/पृष्ठ : PAGE 1 OF 7	
S. N. क्र.सं.	Item / मद	QP/ Insp. Cat. क्यूपी/ निरी. श्रेणी.	QP No. / क्यू. पी. सं.	QP Sub. Schedule क्यूपी उप.अ नुसूचि	Proposed sub-supplier/ प्रस्तावित उप आपूर्तिकर्ता	Place/ स्थान	Sub-suppliers approval status / उप आपूर्तिकर्ता के अनुमोदन की स्थिति /श्रेणी	Sub-supplier Details submission schedule/ उप आपूर्तिकर्ता के विवरण प्रस्तुतिकरण की सूची	Remarks/ टिप्पणी
1.	GALVANISED STEEL STRUCTURES (LATTICE & PIPE) FOR SWITCHYARD AND TRANSMISSION LINE	I			VIJAY TRANSMISSION LTD	RAIPUR	A		
					UNITECH POWER TRANSMISSION LTD	NAGPUR	A		
					ASSOCIATED POWER STRUCTURES	VADODARA	A		
					R.S. INFRAPROJECTS PVT. LTD	SURAJPUR	A		
					NEW MODERN TECHNO MECH	MAYURBHANJ (ORRISA)	A		
					GOOD LUCK STEEL TUBES	SIKANDRABAD	A		
					UNIQUE STRUCTURES & TOWERS LTD.	RAIPUR	A		
					VATCO ELEC-POWER PVT. LTD.	NAVIMUMBAI	A		GALVANISING AT SIGMA GALVANISER NAVI MUMBAI
					R.S. INFRAPROJECTS PVT. LTD	SIKANDRABAD	A		
					ADVANCE STEEL TUBE	SAHIBABAD	A		
					SANGAM STRUCTURES LTD.	ALLAHABAD	A		


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				RELIABLE SPONGE PVT LTD UNIT III	KALUNGA	A	
				VSP ENTERPRISES PVT. LTD	SONEPAT	A	
				SKIPPER LIMITED	UNIT-I: JANGALPUR, Howrah. Unit-II: ULUBERIA UNIT, Howrah. UNIT- III: BCTL, Howrah.	A	Proto type inspection at Unit-Bagnan, Howrah
				RUKMANI ELECTRICAL & COMPONENT PVT. LTD	RAIPUR	A	
				RICHARDSON & CRUDDAS (1972) LTD	NAGPUR	A	
				TATA STEEL BSL LIMITED	RAIGAD	A	
				TATA STEEL BSL LIMITED	SAHIBABAD	A	
				TATA BLUESCOPE STEEL LTD	JAMSHEDPUR	A	AL-ZN COIL FOR CLADDING
				ESSAR STEEL LTD	PUNE	A	
				NATIONAL STEEL & AGRO INDUSTRIES LTD	DHAR	A	
				JSW STEEL COATED PRODUCTS LTD	KALMESHWAR (NAGPUR)	A	
				JSW LTD	THANE	A	
2.			COLOUR COATED METAL DECK & CLADDING/ROOFING SHEET (COIL)				


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				VINFAB ENGINEERS INDIA PVT LTD. (For Galvanising) VINFAB GRATINGS (For Fabrication)	THANE	A	
6.	PROFILERS FOR COLOUR COATED METAL DECK & CLADDING/ROOFING SHEETS	II		MAIN CONTRACTOR APPROVED SOURCE	-	-	
7.	FABRIC EXPANSION COMPENSATOR (FOR CHIMNEY)	II		MAIN CONTRACTOR APPROVED SOURCE	-	-	
8.	MINERAL WOOL FOR THERMAL INSULATION (FOR CHIMNEY)	II		MAIN CONTRACTOR APPROVED SOURCE	-	-	
9.	STOP LOG GATES, TRASH RACK AND LIFTING BEAM	II		MAIN CONTRACTOR APPROVED SOURCE	-	-	
10.	REINFORCEMENT STEEL	III		STEEL AUTHORITY OF INDIA LTD. (SAIL) JINDAL STEEL & POWER Ltd. (JSPL) TATA STEEL LIMITED. RASHTRIYA ISPAT NIGAM LTD. (RINL) JSW STEEL LTD. ESL STEEL LTD. JSW ISPAT SPECIAL PRODUCTS LTD. CECRI LICENSED SOURCES		A A A A A A A	
11.	HIGH PERFORMANCE MOISTURE COMPATIBLE CORROSION RESISTANT COATING SYSTEM	III					


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12.	BITUMEN	III		ALL GOVERNMENT REFINARIES	-	-	
13.	PTFE BEARING / ELASTOMERIC BEARING	III		MORTH / RDSO APPROVED VENDORS	-	-	
14.	CEMENT	III		BIS APPROVED SOURCES HAVING VALID BIS LICENCE	-	-	
15.	CI PIPES	III		BIS APPROVED SOURCES HAVING VALID BIS LICENCE	-	-	
16.	RCC PIPES	III		BIS APPROVED SOURCES HAVING VALID BIS LICENCE	-	-	
17.	CPVC/UPVC PIPES	III		BIS APPROVED SOURCES HAVING VALID BIS LICENCE	-	-	
18.	PVC WATER STOP	III		BIS APPROVED SOURCES HAVING VALID BIS LICENCE	-	-	
19.	POLYTHENE WATER STORAGE TANKS	III		BIS APPROVED SOURCES HAVING VALID BIS LICENCE	-	-	
20.	CERAMIC / VITRIFIED TILES	III		BIS APPROVED SOURCES HAVING VALID BIS LICENCE	-	-	
21.	PARTICLE BOARDS, PLYWOOD, MDF	III		BIS APPROVED SOURCES HAVING VALID BIS LICENCE	-	-	
22.	FIRE PROOF DOORS	III		MAIN CONTRACTOR APPROVED SOURCES WITH VALID PROTOTYPE TEST REPORT FROM CBRI/CPRI/GOV. LAB.)	-	-	


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23.	CONSTRUCTION CHEMICALS/ADMIXTURE, WATER PROOFING COMPOUNDS AND GROUTS	III		MAIN CONTRACTOR APPROVED SOURCE	-		
24.	PAINT AND PAINTING SYSTEM	III		MAIN CONTRACTOR APPROVED SOURCE	-		
25.	HIGH SOLID CONTENT LIQUID APPLIED URETHANE BASED ELASTOMERIC MEMBRANE FOR WATER PROOFING	III		MAIN CONTRACTOR APPROVED SOURCE	-		
26.	INSTRUMENTATIONS (Porous Tube Piezometer, Surface settlement point, Water level sounder etc.) FOR ASH DYKE	III		MAIN CONTRACTOR APPROVED SOURCE	-		
27.	PRE-ENGINEERED BUILDINGS	III		MAIN CONTRACTOR APPROVED SOURCE	-		
28.	FOUNDATION BOLTS	III		MAIN CONTRACTOR APPROVED SOURCE	-		

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NOTE - 1 : Approval is conditional and subject to Sub QR / Provennes clearance as specified in the contract specification. Further for any change in the Technical specification at later stage vendor approval will be reviewed accordingly.
NOTE 2: For the items placed in CAT-III for Civil Works, the review and final acceptance shall be done by NTPC-EIC/ FQA on the basis of MTC / certificate of conformance in line with Technical Specifications/FQP.

LEGENDS/ संकेतिका

SYSTEM SUPPLIER/SUB-SUPPLIER APPROVAL STATUS CATEGORY /प्रणाली आपूर्तिकर्ता / सब - वेंडर की स्वीकृति की स्थिति की श्रेणी (SHALL BE FILLED BY NTPC एनटीपीसी द्वारा भरा जाएगा)

A – For these items proposed vendor is acceptable to NTPC. To be indicated with letter “A” in the list along with the condition of approval, if any./ इन मदों के लिए प्रस्तावित वेंडर एनटीपीसी को स्वीकार्य है। अनुमोदन की शर्त, , यदि कोई हो, के साथ-साथ पत्र "क" में इंगित किया जाए।

DR – For these items “Detailed required” for NTPC review. To be identified with letter “DR” in the list. एनटीपीसी द्वारा इन मदों की समीक्षा के लिए "विस्तृत ब्यौरे की आवश्यकता" होगी। सूची में "DR" पत्र में इंगित किया जाना चाहिए।

QP/INSPN CATEGORY: क्यूपी / निरीक्षण की श्रेणी:

CAT-I / श्रेणी- I: For these items the Quality Plans are approved by NTPC and the final acceptance will be on physical inspection witness by NTPC. इन मदों के लिए गुणवत्ता योजनाओं को एनटीपीसी द्वारा अनुमोदित किया जाता है और एनटीपीसी द्वारा अंतिम स्वीकृति भौतिक निरीक्षण के दौरान उपलब्ध गवाह के आधार पर दी जाएगी।

CAT-II / श्रेणी- II: For these items the Quality Plans approved by NTPC. However no physical inspection shall be done by NTPC. The final acceptance by NTPC shall be on the basis review of documents as per approved QP. इन मदों के लिए गुणवत्ता योजनाओं को एनटीपीसी द्वारा अनुमोदित किया जाता है। हालाँकि एनटीपीसी द्वारा कोई भौतिक निरीक्षण नहीं किया जाएगा। एनटीपीसी द्वारा अंतिम स्वीकृति अनुमोदित क्यूपी के अनुसार दस्तावेजों की समीक्षा के आधार पर दी जाएगी।

CAT-III/ श्रेणी-III : For these items Quality control to be exercised as per Main contractor Quality Assurance System. The final acceptance by NTPC shall be on the basis of Certificate of Conformance (COC) by Main Contractor.

UNITS/WORKS इकाईयां / कार्य: Place of manufacturing/ निर्माण का स्थान Place of Main Supplier of multi units/works/बहु- इकाइयों / कार्यों के मुख्य सप्लायर का स्थान.

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