

Ref: BHE/PW/PUR/KNFGD-CHIMNEY-U-1-2-3/2423/Corg-02

Date: 05/07/2021

To,

ALL BIDDERS,

**Sub:** Corrigendum-02: Issuance of Clarifications and Extension of offer submission due date.

**Job:** Civil & Structural Works of Stage-1 (3x200MW) Chimney at 3x200MW+3x500MW+1x500MW NTPC Korba FGD Project

**Bidders kindly to take note of the following:**

**AA) Issuance of Clarifications:**

Sr. No.	Documents Reference of TCC	Tender Terms & Condition	Bidders' Deviation/ Query	BHEL REPLY'S
1	BOQ - Section A:-Civil Works <b>Sl. no. 14 &amp; Clause no. 2.1.7</b>	Providing and laying design mix cement concrete with graded aggregate (maximum size of coarse aggregate not exceeding 20 mm) for reinforced concrete work at all levels for all kinds of work, including labour, materials, equipment, handling, transporting, batching, mixing, placing, levelling, compacting, curing, testing etc. and rendering or cleaning and finishing the exposed surface with cement mortar (1:3) to give smooth and even surface, all complete as per specifications, drawings and instructions of the Engineer, but excluding all formwork and reinforcing steel:	BOQ Item No. 14 - To include "Cement shall be supplied by BHEL free of cost"	Providing and laying design mix cement concrete with graded aggregate (maximum size of coarse aggregate not exceeding 20 mm) for reinforced concrete work at all levels for all kinds of work, including labour, materials, equipment, handling, transporting, batching, mixing, placing, levelling, compacting, curing, testing etc. and rendering or cleaning and finishing the exposed surface with cement mortar (1:3) to give smooth and even surface, all complete as per specifications, drawings and instructions of the Engineer, but excluding all formwork and reinforcing steel <b>Cement is Free issue material from BHEL</b>

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2	BOQ - Section A:-Civil Works <b>Sl. no. 16 &amp; Clause no. 2.1.7</b>	Providing and placing steel reinforcements of High yield strength deformed TMT steel bars of grade Fe-500 having minimum elongation of 14.5 % or Fe-500D, and conforming to other requirements of IS 1786 , for reinforced concrete work, at all levels, for all kinds of work, including transportation, cleaning, derusting, straightening, cutting, bending, binding in position with annealed wire and/or welding, providing concrete cover blocks, pins, separators, chairs, supports for reinforcement, etc. with all materials, labour, equipment, handling, testing, transportation to & from stores etc., preparation of bar bending schedules, all complete as per specifications, drawings and instructions of the Engineer.	To include "Reinforcement steel shall be supplied by BHEL free of cost"	<p>Providing and placing steel reinforcements of High yield strength deformed TMT steel bars of grade Fe-500 having minimum elongation of 14.5 % or Fe-500D, and conforming to other requirements of IS 1786 , for reinforced concrete work, at all levels, for all kinds of work, including transportation, cleaning, derusting, straightening, cutting, bending, binding in position with annealed wire and/or welding, providing concrete cover blocks, pins, separators, chairs, supports for reinforcement, etc. with all materials, labour, equipment, handling, testing, transportation to &amp; from stores etc., preparation of bar bending schedules, all complete as per specifications, drawings and instructions of the Engineer.</p> <p><b>Only TMT is free issue material. Providing MS reinforcement is in vendor's scope.</b></p>
3	BOQ - Section A:-Civil Works <b>Sl. no. B23 &amp; Clause no. 2.1.7</b>	Supply, fabrication (shop fabricated in customer approved shop as per specification) and erection of structural steel (except flue works) of grade E 250 in rolled/ built up section (rolled sections shall be of grade designation E250, Quality A/BR, Semi-killed/ killed conforming to IS 2062. All steel plates shall be of Grade designation E250, Quality BR (fully killed), conforming to IS 2062 and shall be tested for impact resistance at room temperature. Plates beyond 12mm thickness and up to 40mm thickness shall be normalized rolled. Plates beyond 40mm thickness shall be vacuum degassed & furnace normalised and shall also be 100% ultrasonically tested as per ASTM -A578 level B-S2.), mild steel rounds in columns,	To include "Shop fabricated structural steel shall be supplied by BHEL free of cost"	Supply, fabrication (shop fabricated in customer approved shop as per specification) and erection of structural steel (except flue works) of grade E 250 in rolled/ built up section (rolled sections shall be of grade designation E250, Quality A/BR, Semi-killed/ killed conforming to IS 2062. All steel plates shall be of Grade designation E250, Quality BR (fully killed), conforming to IS 2062 and shall be tested for impact resistance at room temperature. Plates beyond 12mm thickness and up to 40mm thickness shall be normalized rolled. Plates beyond 40mm thickness shall be vacuum degassed & furnace normalised and shall also be 100% ultrasonically tested as per ASTM -A578 level B-S2.), mild steel rounds in columns,

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		normalised and shall also be 100% ultrasonically tested as per ASTM -A578 level B-S2.), mild steel rounds in columns, beams, struts, monorails, stays, safety chains, ladders, MS gratings, gantry girders, roof trusses, portals, laced purlins, space frames, hangers, wall beams, sheeting runners, brackets, stiffeners, stub columns, bracings, cleats, base plates, splice plates, gussets, end plates, steel frame grid over false ceiling, walkway platforms, ladders, stairs, stringers, treads, landings, decking and seal plates, galleries etc including blast cleaning, providing & applying primer, providing and applying intermediate, final and final finish coat of paint (blast cleaning, primer and paint shall be paid separately as per item no C23, D23 & E23), connection design, preparation of fabrication drgs and appointment of a separate agency for review and approval of fabrication drgs in consultation with BHEL, straightening, cutting, bending, rolling, grinding, machining, drilling, welding, electrodes and other consumables, alignment, erection bolts & nuts (weight of erection bolts and nuts not payable), assembly, edge preparation, preheating / post heating if required, testing of welders, inspection of welds, visual inspection, non destructive and special testing, rectification and correction of defective welding works, production test plate, inspection and testing, erection scheme, protection against damage in transit, stability of structures, installation of temporary structures, setting column bases, surface preparation by means of manual or mechanical power tools as per IS:1477 part 1, touch-up painting, rectification, dismantling and removal of all temporary structures (weight of temporary structures not payable), etc all		beams, struts, monorails, stays, safety chains, ladders, MS gratings, gantry girders, roof trusses, portals, laced purlins, space frames, hangers, wall beams, sheeting runners, brackets, stiffeners, stub columns, bracings, cleats, base plates, splice plates, gussets, end plates, steel frame grid over false ceiling, walkway platforms, ladders, stairs, stringers, treads, landings, decking and seal plates, galleries etc including blast cleaning, providing & applying primer, providing and applying intermediate, final and final finish coat of paint (blast cleaning, primer and paint shall be paid separately as per item no C23, D23 & E23), connection design, preparation of fabrication drgs and appointment of a separate agency for review and approval of fabrication drgs in consultation with BHEL, straightening, cutting, bending, rolling, grinding, machining, drilling, welding, electrodes and other consumables, alignment, erection bolts & nuts (weight of erection bolts and nuts not payable), assembly, edge preparation, preheating / post heating if required, testing of welders, inspection of welds, visual inspection, non destructive and special testing, rectification and correction of defective welding works, production test plate, inspection and testing, erection scheme, protection against damage in transit, stability of structures, installation of temporary structures, setting column bases, surface preparation by means of manual or mechanical power tools as per IS:1477 part 1, touch-up painting, rectification, dismantling and removal of all temporary structures (weight of temporary structures not payable), etc all

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		erection scheme, protection against damage in transit, stability of structures, installation of temporary structures, setting column bases, surface preparation by means of manual or mechanical power tools as per IS:1477 part 1, touch-up painting, rectification, dismantling and removal of all temporary structures (weight of temporary structures not payable), etc all complete as per drawing and specifications.		complete as per drawing and specifications. <b>Shop fabricated structural steel shall be supplied by BHEL free of cost.</b>

**BB) GA Drawing has been attached with this corrigendum as file named '2100-109-PVC-B-101-00\_GA Drawing'**

**CC) The existing job description, wherever appearing in this tender has been amended as given below**

<u>Existing Job description</u>	<u>Amended as</u>
Civil & Structural Works of Stage-1 (3x200MW) Multi Flue Chimney at <b>3x200MW+3x500MW+1x500MW NTPC Korba FGD Project</b>	Civil & Structural Works of Stage-1 (3x200MW) Chimney at <b>3x200MW+3x500MW+1x500MW NTPC Korba FGD Project</b>

**DD) Extension of Last Date for Offer Submission:**

The last date for submission of Offer has been re-scheduled to 09/07/2021, 13.00 hrs.

Technical Bids (Part-1) shall be opened on 09/07/2021 at 17.00 hrs.

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All other Terms and conditions of the Tender Specification shall remain unaltered unless expressly amended by BHEL in writing. Bidders are requested to submit as a part of their offer, a copy of this corrigendum duly Digitally countersigned by the authorized signatory as a token of Bidder's unqualified acceptance of this corrigendum.

BIDDERS MAY PLEASE NOTE THAT SUBJECT TENDER IS E-TENDER AND THE OFFER IS TO BE SUBMITTED ONLY IN E-PROCUREMENT PORTAL→  
[www.eprocurebhel.co.in](http://www.eprocurebhel.co.in)

BIDDERS WHO HAVE ALREADY SUBMITTED THEIR OFFERS PRIOR TO ISSUANCE OF THIS CORRIGENDUM IN E-TENDER PORTAL ARE REQUIRED TO RESUBMIT THEIR OFFER AFTER TAKING COGNIZANCE OF THIS CORRIGENDUM.

Thanking you,  
Yours faithfully,

AGM (Purchase)

