

CORRIGENDUM-8,Dated: 9/4/2015

BHEL's clarifications are furnished below for information against some of the bidder's query sought vide letters/email in the tender BHEL PSSR SCT 1575. Price Bid (Revision-02) issued.

Sino:	Clause No.	Item	Stipulation as per tender	Query description	BHEL clarification
1	NIT	EMD	B-1. CONSORTIUM CONDITIONS 10.0 The consortium partner(s) shall submit additional EMD to BHEL as under along with the offer in addition to the EMD to be furnished by the Prime bidder 1. For ground improvement Rs 2.0 Crore. 2. For RCC Chimney Rs 1.6 Crore. 3. For NDCT Rs 4.30 Crore. The prime bidder/standalone bidder shall submit EMD to BHEL for Rs 20 Crores along with the offer. The bidders have one time EMD with PSSR also have to submit this.	We request you to confirm whether the prime bidder can submit EMD on behalf of Consortium partners for their respective works,also provide the format for the same	Tender condition prevails
2	TCC	1.6.6 GUARANT EE PERIOD	Guarantee period of 12 months shall commence from the date of completion of the whole of the work certified by the Engineer.	Please note that works under consortium partners scope like ground improvement work& Chimney works have different timelines vs overall project completion time lines. Accordingly we request your good slves to consider the DLP period & release of retention to these scope works sepparately as per the agreed timelines/actual completion of these works.	Tender condition prevails
3	Change in Item Description for Main Plant	TCC	water for Construction		Construction Water : Construction water will have to be arranged by the bidder at his cost for an initial period of about 4-6 months till construction water facility is established at site.
4	Price Bid		Volume-2,Price bid, Revision -01		<u>Please submit your quote only in Price bid (Revision-02)</u> The following are the only changes incorporated in Price Bid (revision- 01) and released as Price Bid (Revision- 02).Bidders are requested to Submit the Price Bid (Revision- 02) only.

Following Changes are made in Price Bid-01 and released as Price Bid Revision -02

Sino:	ST. NO	DESCRIPTION OF ITEM	UNIT	Total Quantity
		ELECTRICAL ITEM FOR THE BOQ		
	E8	250W metal halide Flood lights with fixtures, lamps and all control gears & accessories	No.	48
	E13	AL conductor, XLPE insulated, Armoured, ST-2 outer sheath, FRLS type 1100V grade conforming to IS-7098 Part I.		

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5	UOM and Quantity Change : Electrical Items of chimney that has to change	a.	3½ C x95mm ² Al for connection between ACDB/ELDB/ welding sockets	RM	1400
		b.	3½ Cx35mm ² Al for Lighting panel incoming supply	RM	1000
		c.	4C x16mm ² Al Conductor, XLPE insulated, Armoured, PVC outer sheath, FRLS type 1100V grade conforming to IS-7098 Part I for connection between ALP/ADB/Aviation Lights	RM	1600
		E14	PVC insulated 1100V grade stranded Cu Conductor lighting wires conforming to IS-694 for the following.		
		a)	2.5 mm ²	RM	3000
		b)	4.0 mm ²	RM	9000
		E15	GI pipe conduit with minimum 25 mm dia with GI junction boxes, GI pull boxes & accessories etc. complete in all respects.	RM	7000
		E16	PVC coated Flexible steel conduit 25mm dia with Accessories	RM	500
		E17	Lightning protection Air terminal : Lead coated copper material of 20mm dia & 2 metre long each.	RM	25
		E18	Electrical equipment earthing materials including down conductors		
		a)	Below ground earthing system	RM	150
		b)	Above ground earthing system	RM	1500
		E19	16 SWG GI wire for equipment earthing	RM	100
		E24	Telephone cable (minimum 4 pair) of minimum 0.6 mm dia annealed high conductivity electro copper conductor, PVC insulated, twisted, PVC tape wrapped, screened, tip corded, PVC sheathed, conforming to relevant ITD (Indian Telephones department) specification		
		a)	24 pairs	RM	150
		b)	4 pairs	RM	300
		E25	GS cable trays. Cable trays shall be of ladder type constructed of minimum 2 mm thick mild steel hot dip galvanise including cover, cabling material, accessories etc. complete as per drawings & specifications.		
		a	600 mm wide	RM	150
		b	300 mm wide	RM	150
		c	150 mm wide	RM	100
		E26	Cable glands & lugs required for cable termination for complete electrical systems of Chimney	Item deleted	
Note :	1. Ambient temperature for design of all electrical equipment shall be considered as 55°C for chimney electrical system. 2. Schedule of Equipment has been indicated for reference only. All electrical items shall be supplied on as required basis. 3. All cable termination shall be with required Cable glands & lugs for complete electrical systems of Chimney.				

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6		2503AA	Installation of Bored cast-in-situ RCC vertical pile as per IS 2911 (Part 1 Sec 2) with diameter and length as specified (length to be measured from pile cut-off level to the bottom of pile) using cement concrete grade M35 conforming to IS:456 with 20 mm nominal size stone aggregates with a minimum cement content of 400Kg per cum of concrete including providing all materials (but excluding reinforcement steel for which measurement/payment shall be made separately), boring/drilling in all types of soil, providing bentonite slurry and/or casing for stabilization of pile bore, flushing of pile bore, cleaning, providing plasticizer wherever required, breaking pile head to cut off level and exposing pile reinforcement for embedment in pile cap etc including empty boring from ground level to pile cutoff level etc all complete as per specification, drawing and as directed by the engineer-in-charge for the following.		
	New Items : Under Piling	e	Pile with 760 mm diameter and 26 m length below cut off level	Each	250
		2504AA	Extra over ST. No. 2503AA for pile length more than the specified length of 26m below cut off level for the following.		
		d	For 760 mm diameter pile	Rm	25
		2505AA	Rebate on ST.No.2503AA for pile length less than the specified length of 26m below cut off level for the following.		
	d	For 760 mm diameter pile	Rm	25	
7		A404	Extra over ST No. 401, 402 & 403 for providing High Strength Deformed Bars conforming to IS 1786 Fe 500/500 D; Corrosion resistant Grade (HCRM) suitable for marine construction with micro alloying combination Cr+Cu>0.4% instead of TMT steel of grade 500 conforming to IS 1786. Bidder to quote for differential cost only.	MT	19179
	New item under miscellaneous	Item : 24(a)	Old Description : Supplying, fabrication, erection and alignment of factory made galvanized welded grating units with mild steel conforming to IS:2062 in platforms, staircases with edge binding strips and anti-skid nosing in treads etc. including hot dip galvanization as per IS:4759, fixing clamps, fittings, fixtures, all taxes, duties, packing, grinding, drilling, welding, edge preparation, etc. all complete.	Revised Description : Supplying, fabrication, erection and alignment of factory made galvanized grating units with mild steel conforming to IS:2062 in platforms, staircases with edge binding strips and anti-skid nosing in treads etc. including hot dip galvanization as per IS:4759, fixing clamps, fittings, fixtures, all taxes, duties, packing, grinding, drilling, welding, edge preparation, etc. all complete	

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8	Change in Item Description for Chimney BOQ	Item : 26	Old Description : Preparing detailed fabrication drawings and after approval by the Engineer, providing, fabricating and erecting, at all levels, structural steel flues (liners) ,(Structural steel sections to be used for flue shall be corrosion resistant steel type “ COR-TEN-B” having an yield stress 250MPa conforming to IS 2062 (E250) of minimum thickness 10mm unless noted, Top 10m length or length equal to 2 times flue diameter whichever is larger shall be provided using material conforming to AISI:316L or BS:1449), complete with all bends, flanges, stiffeners, all other flue attachments, support system, collars, access manholes and gas sampling ports alongwith gaskets and other accessories, staying system, including the cost of all labour, material and equipment, transporting, lifting to all heights, setting in place, cutting, grinding, drillings, bending, bolts and bolting, welding, preheating and post-heating for welding, testing, etc. complete as per drawings and specifications.	Revised Description : Preparing detailed fabrication drawings and after approval by the Engineer, providing, fabricating and erecting, at all levels, structural steel flues (liners) ,(Structural steel sections to be used for flue shall be corrosion resistant steel type “ COR-TEN-B” having an yield stress 250MPa conforming to IS 2062 (E250) of minimum thickness 10mm unless noted, complete with all bends, flanges, stiffeners, all other flue attachments, support system, collars, access manholes and gas sampling ports alongwith gaskets and other accessories, staying system, including the cost of all labour, material and equipment, transporting, lifting to all heights, setting in place, cutting, grinding, drillings, bending, bolts and bolting, welding, preheating and post-heating for welding, testing, etc. complete as per drawings and specifications.	
9		Item A213	Old Description : Providing and laying Design Mix cement concrete as per IS:456 & IS 10262-2009 for reinforced concrete works using graded aggregate for Concrete in precast works like roof slabs/trench covers, fins, lintels, chajas, beams, columns, wall panels, facias etc.at all levels in all kinds of work including formwork/moulds, curing, rendering the top exposed surface with cement sand mortar (1:3), handling, storing, transpoting, all leads, erection without damage, setting in position / pockets with mix 1:1:2 (1 cement : 1 coarse sand : 2 aggregate of 6 mm down graded stonechips) using non shrink admixture, filling the gaps between adjacent precast units with M30 grade concrete or cement sand mortar (1:3) and including making of holes for bolts for fixing, welding etc.complete with graded aggregate (20/12.5/10 mm) and as per specification and drawing for following grades.(Cost of all material and cleaning the pocket by compressed air shall be in the scope of the contractor). Payment shall be made for the measurement of the volume of the precast works.	Revised Description : Providing and laying Design Mix cement concrete as per IS:456 & IS 10262-2009 for reinforced concrete works using graded aggregate for Concrete in precast works like roof slabs/trench covers, fins, lintels, chajas, beams, columns, wall panels, facias etc.at all levels in all kinds of work including formwork/moulds, curing, making of grooves/notches , rendering the top exposed surface with cement sand mortar (1:3), handling, storing, transporting, all leads, erection without damage, setting in position / pockets with mix 1:1:2 (1 cement : 1 coarse sand : 2 aggregate of 6 mm down graded stonechips) using non shrink admixture, filling the gaps between adjacent precast units with M30 grade concrete or cement sand mortar (1:3) and including making of holes for bolts for fixing, welding etc.complete with graded aggregate (20/12.5/10 mm) and as per specification and drawing for following grades.(Cost of all material and cleaning the pocket by compressed air shall be in the scope of the contractor). Payment shall be made for the measurement of the volume of the precast works.	
			ALL OTHER CONDITIONS REMAIN UNCHANGED.		
					GM/HR&SCT