



Ref: E-5632/2017/CORRIGENDUM/06

Date: 24/07/2017

DUE DATE
28/07/2017
14:00 (IST)

Our Ref:

(i) Enq No.:- E-5632/2017 dated 01/06/2017

Subject: Revision in price schedule of above referred tender of DC NI CD BATTERY of 2X660 MW ENNORE SEZ due to implementation of GST

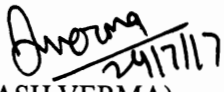
Dear All,

Price schedule of subject tender is revised in view of implementation of GST. Revised price schedule having updated GST structure is enclosed along with this corrigendum.

Thanking You

With regards

For & on behalf of BHEL


(AKASH VERMA)
SR. ENGINEER/ PG-IV
PEM, BHEL, Noida

कृपया प्रेषित करें :	Please reply to :	फ़ोन Phone No:
बीएचईएल, पीएस-पीइएम	BHEL, PS-PEM,	91-120 - 436 8864
पीपीआईआई भवन	PPEI Building,	
प्लॉट नं २५, सेक्टर १६ ए	Plot No.25, Sector 16A,	
नोएडा - २०१ ३०१ उ प्र	Noida-201301 (U.P.)	
भारत	INDIA	

पंजीकृत कार्यालय	Registered Office :
बीएचईएल हाउस	BHEL House,
सीरी फोर्ट	Siri Fort,
नयी दिल्ली - ११० ०४९	New Delhi-110049
भारत	INDIA



2 X 660 MW ENNORE SEZ SUPERCRITICAL TPP.

PRICE SCHEDULE FOR DC BATTERY - PACKAGE

MAIN SUPPLY- Ni-Cd BATTERY

SL NO	ITEM DESCRIPTION/SERVICE	ITEM CODE	HSN CODE (TO BE FILLED BY THE BIDDER) FOR EACH ITEM (3)	UOM	TOTAL QTY	Remarks	UNIT EX-WORKS PRICE (DULY PACKED) (INR) (6)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR) (7)	FREIGHT CHARGES		TOTAL PRICES (ex works + freight) (INR) (9)	APPLICABLE GST RATE IN % ON (TOTAL EX WORKS + FREIGHT) BOTH (INR) (10)		TOTAL PRICE F.O.R. Prices with taxes (INR) (11)
1	2	2A		4	5	5A			@ % OF TOTAL EX WORKS (8A)	AMOUNT IN (INR) (8B)=[7X8A]	[7+8B]	GST RATE IN % ON (TOTAL EX WORKS + FREIGHT) (10A)	TOTAL AMOUNT IN (INR) (10B) [9X10A]	[9+10B]
A	220V BATTERY													
A.1	BREAK UP DETAIL for 220V BATTERY 1 (For Area-1)	508-14001-A		Set	4	For MAIN PLANT AREA BATTERY								
A.1.1	220V , Ni-Cd battery suitable as per Load Duty Cycle (Annexure-II) (1 set comprises 170 nos. cell)			Sets	4									
A.1.2	Electrolyte (For first filling plus10% extra)			Sets	4	Refer Point no 05								
A.1.3	MS racks with 3 coats of anti alkali paints for 220V DC Battery			Sets	4									
A.1.4	Stand insulators plus 5% extra			lot	4									
A.1.5	Cell interconnectors with 5% extra and end take-off with one no. extra			lot	4									
A.1.6	Nickel coated connection hardware plus 5% extra			lot	4									
A.1.7	Cell numbering tags with fixing arrangement (1set)			lot	4									
A.2	BREAK UP DETAIL for 220V BATTERY 2 (For Area-2)	508-14002-A		Set	2	For WATER TREATMENT & RO PLANT AREA BATTERY								
A.2.1	220V , Ni-Cd battery suitable as per Load Duty Cycle (Annexure-II) (1 set comprises 170 nos. cell)			Sets	2									
A.2.2	Electrolyte (For first filling plus10% extra)			Sets	2	Refer Point no 05								
A.2.3	MS racks with 3 coats of anti alkali paints for 220V DC Battery			Sets	2									
A.2.4	Stand insulators plus 5% extra			lot	2									
A.2.5	Cell interconnectors with 5% extra and end take-off with one no. extra			lot	2									
A.2.6	Nickel coated connection hardware plus 5% extra			lot	2									
A.2.7	Cell numbering tags with fixing arrangement (1set)			lot	2									
A.3	BREAK UP DETAIL for 220V BATTERY 3 (For Area-3)	508-14003-A		Set	2	For ECHS AND Sea water intake system AREA BATTERY								
A.3.1	220V , Ni-Cd battery suitable as per Load Duty Cycle (Annexure-II) (1 set comprises 170 nos. cell)			Sets	2									
A.3.2	Electrolyte (For first filling plus10% extra)			Sets	2	Refer Point no 05								
A.3.3	MS racks with 3 coats of anti alkali paints for 220V DC Battery			Sets	2									
A.3.4	Stand insulators plus 5% extra			lot	2									
A.3.5	Cell interconnectors with 5% extra and end take-off with one no. extra			lot	2									
A.3.6	Nickel coated connection hardware plus 5% extra			lot	2									
A.3.7	Cell numbering tags with fixing arrangement (1set)			lot	2									
A.3	LIST OF ACCESSORIES (Quantity mentioned is to be supplied for each area seperately).					For MAIN PLANT AREA BATTERY, For ECHS AND Sea water intake system AREA BATTERY AND For WATER TREATMENT & RO PLANT AREA BATTERY								
A.3.1	Interconnector bolt wrenches			Nos	1									
A.3.2	Hydrometer (in step of 0.005)			Nos	1									
A.3.3	Specific gravity correction chart			Nos	1									
A.3.4	Set of hydrometer syringes			Nos	1									
A.3.5	Thermometer with plug & cap, specific gravity correction scale (for measuring electrolyte temperature)			Nos	1									
A.3.6	Digital Cell testing voltmeter (3-0-3V) with leads			Nos	1									
A.3.7	Pocket Thermometer (digital Type)			Nos	1									
A.3.8	Alkali resistance funnel			Nos.	2									
A.3.9	Alkali Resistance jug of 2 l capacity			Nos	1									
A.3.10	Rubber apron			Nos	1									
A.3.11	Pair of rubber hand gloves			Set	1									
A.3.12	Cell lifting straps			Set	1									
A.3.13	PVC Spill tray under battery cell			No.	1									
A.3.14	Bridging Clamp for cutting out individual cells in the event of defect.			Set	1									
A.3.15	Set of insulated spanners			Nos	1									
A.3.16	First aid box			Set	1									
A.3.17	Goggles (industrial)			Nos	2									
A.3.18	No smoking' notice			Nos	2									



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MAIN SUPPLY- Ni-Cd BATTERY

SL NO	ITEM DESCRIPTION/SERVICE	ITEM CODE	HSN CODE (TO BE FILLED BY THE SUPPLIER)	UOM	TOTAL QTY	Remarks	UNIT EX-WORKS PRICE (DULY)	TOTAL EX-WORKS PRICE (INR)	FREIGHT CHARGES	TOTAL PRICES (ex works + freight) (INR) (9)	APPLICABLE GST RATE IN % ON (TOTAL EX WORKS + FREIGHT) BOTH (INR) (10)	TOTAL PRICE F.O.R. Prices with taxes (INR) (11)
A.3.19	Wall mounting holders for hydrometer and thermometer			Nos	2							
B	Battery health monitoring system-BHMS (Including all hardware, software, cables required for connecting the battery cells to BHMS and BHMS to Switchgear SCADA Refer Section II for details) FOR MAIN PLANT BATTERY			lot	4							
C	E & C SPARES	508-14010-A										
C.1	GLOVES			SET	6							
C.2	VENT PLUGS			Nos	15							
C.3	Intercell connectors			Nos	15							
D	SUPERVISION OF E&C	508-11025-A				Only For MAIN PLANT AREA BATTERY						
D.1	LUMP SUM CHARGES PER VISIT FOR ENGINEER (EXCEPT DAILY CHARGES)			VISIT	1							
D.2	LUMP SUM DAILY CHARGES FOR ENGINEER			DAYS	4							
E	Mandatory Spares											
E.1	Battery cells (Cells to be supplied for Every Battery Ah SIZE Considered)			Nos.	10							
E.2	Empty cell container (Containers to be supplied for every Battery Ah Size Considered)			Nos.	10							
E.3	Level indicator			Nos.	6							
E.4	Vent plugs			Nos.	12							
E.5	Inter-cell connector			Nos.	10							
E.6	Set of nuts, bolts and washer			Set	12							

Notes:-

1. For any clarification please refer Technical Specification No- PE-TS-427-508-E001.

2. AMOUNT PAYABLE FOR ENGINEER PER VISIT TO SITE = VISIT CHARGES AS PER SL NO. D.1 ABOVE + (DAILY CHARGES AS PER SL NO. D.2 ABOVE X NO. OF DAYS AT SITE) (TO BE CERTIFIED BY BHEL SITE).

3. THE VISIT CHARGES SHALL BE INCLUSIVE OF CHARGES OF AIR FARE/TRAIN FARE , BOARDING/LODGING, LOCAL CONVEYANCE, MEDICAL , INSURANCE ETC.

4. COPPER LUGS FOR CABLE TERMINATION AT BATTERY TERMINALS SHALL BE IN BIDDER'S SCOPE & CABLE SIZES SHALL BE INFORMED DURING DETAILED ENGINEERING.

5. Cost of electrolyte should be '7% or more' of total ex works/total C&F of battery.If quoted price of electrolyte is less than 7% of battery cost (Total Ex works/Total C&F) then the electrolyte cost will be made as 7% of battery cost (Total Ex works/Total C&F) while maintaining the total quoted price unchanged.