



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date-1-Aug-25

CORRIGENDUM- 03

PROJECTs	:	KODERMA TPS PH-II (2x800 MW)
PACKAGE	:	WATER TREATMENT PACKAGES
ENQUIRY NO	:	77/25/6070/SAN Dated 07.07.2025
SUBJECT	:	CHANGE IN NIT CONDITIONS

Type of Corrigendum			
Technical Corrigendum -	<input type="checkbox"/>	Commercial Corrigendum -	<input checked="" type="checkbox"/>

Bidders are requested to note the following -

- All Safety Items as per enclosed list shall be provided by BHEL. BHEL shall recover the cost incurred for procurement of the items from bidder as per enclosed list. Recovery of these items on pro-rata basis shall be done from payment due to the bidder.

All the other terms and conditions of the tender enquiry remain unchanged. All the bidders are requested to quote accordingly.

Yours faithfully,
For and on behalf of BHEL

Sanjeev Kumar
Engineer/BOP

- f) A minimum stock of aggregate & sand of two weeks shall be maintained at site.
- g) All cranes shall be crawler mounted.
- h) The bidder shall be required to furnish along with document the deployment of tools & equipment correlating with the monthly output / productivity. This shall be finalized during L2 schedule finalization with DVC.
- i) For all columns & sub-structure beams of TG foundation, sets of formwork for all columns & beams of each level are to be deployed so that all the columns and beams at each level can be cast simultaneously.

(ii) Safety Equipments & Safety Personal Protective Equipments

The list of minimum suggestive Safety Equipments & Safety Personal Protective Equipments to be deployed necessarily by the bidder is furnished below. However, the actual deployment at site shall not be limited to these and additional equipments if required shall be mobilised by the Contractor.

Sl. No.	Minimum Suggested List of Safety Equipments and Safety Personal Protective Equipments	Minimum Quantity
1.	Safety Net (Conforming IS 11057:1984) Safety Net (Net Size: 10m x 5m, Mesh Size: 25 mm, Mesh Rope: 2mm double cord, Border/Tie Cord: 12mm diameter polypropylene rope (tested as per IS: 5175).Two metres length shall be provided at all four corners.	240 Nos.
2.	Fall Arrestor 'Rope grab fall arrester' & anchorage line. Anchorage Line: 14mm- 16 mm diameter, three strand twisted Polyamide rope. Rope Grab fall arrester: Openable & Guided type Fall Arrestor (on flexible line) conforming EN 353-2 & works on 14-16 mm diameter polyamide rope. material: Nickel Chrome plated Steel Connector: Karbiner conforming to EN 362 (Minimum Strength 22 KN), material: Steel	200 nos. of Rope Grab Fall arrester' and Karbiner each. 90 nos. anchorage line, 30 metre long each, 30 nos. anchorage line, 40 metre long each
3.	Horizontal life line Stainless Steel Wire rope of 8mm diameter. Minimum six nos. of steel U-bolt clips are required for clamping each wire rope to a rigid support (03 nos. of U-bolt clips at each end).	40 nos. of wire rope, each 40 metre long 90 nos. of wire rope, each 25 metre long.

4.	<p>Ladders on column</p> <p>The minimum design live load on metallic ladder shall be a single concentrated load of 100 kilo grams. All rungs shall have a minimum diameter of 1.90 centimeters, and minimum clear length of rungs shall be 40.6 centimeters. The distance between rungs shall not exceed 30.5 centimeters. Each ladder shall have maximum height of 9.0 metre.</p> <p>The ladder shall have proper fastenings for attaching it to a column using positive means such as bolt, weld or other type of fasteners.</p>	cumulative length of ladders is 1200 metres
5.	<p>Safety PPEs (Industrial Safety helmet & Industrial Safety Shoes)</p> <p>Industrial Safety Helmet (IS:2925-1984 marked).</p> <p>Industrial Safety/Electrical Shoes (IS:15298-2002 marked).</p> <p>Full body Safety Harness (conforming IS:3521)</p>	<p>1575 nos.</p> <p>1575 nos.</p> <p>395 nos</p>

Note: 1. Safety PPEs include Industrial Safety Helmet and Industrial Safety Shoes.

Sl. No.	Name of Safety Item	UOM	Koderma Site	
			Qty	Supply Price
1	Safety Net (10 Mtr x 5 Mtr)	Nos.	240	838800
2	Rope grab fall arrestor with karbiner	Nos.	200	248000
3	Anchorage Line (30 Mtr)	Nos.	90	153000
4	Anchorage Line (40 Mtr)	Nos.	30	64500
5	Wire rope (life line)- (25 Mtr)	Nos.	90	189936
6	Wire rope (life line)- (40 Mtr)	Nos.	40	94516
7	Ladder (Vertical)	Nos.	172	703480
8	Full body safety harness double lanyard with shock absorber	Nos.	395	501650
9	Industrial Safety Helmet	Nos.	1575	113400
10	Industrial Safety Shoes	Nos.	1575	669375