REPLACEMENT OF KILN 1 CHAIRS AND TANGENT PLATE DRAWING NO. AOS/1213

SAFETY MEASURES AND REQUIREMENTS.

i) A thorough site risk assessment to be done before commencement of work.
ii) All personnel involved in the job to be safety inducted for familiarisation with the scope of work and the risks involved.
iii) A risk assessment board to be availed on site furnished with the permit to work, risk assessment form, hot work permit and job procedure.
iv) Ensure all electrical connections have been isolated and a Lock out, Try out, Tag out procedure have been followed before taking over the plant for the job.
v) A tool box talk to he held before commencement of every shift to highlight on the new risks encountered or expected and how to mitigate them.
vi) A person in charge of safety to be identified and be known to all the personnel during every shift.
vii) A first aid kit to be availed on site at all times and a shift first aider identified.
viii) All oxy-acetylene sets to be inspected and tested for leakages before use and hoses to be clear of falling hot material, sharp edges and dropping debris.
ix) All personnel shall wear the mandatory PPE at all times and ensure use of other relevant PPE depending on the nature of work and condition of the work site.
x) Housekeeping to be done at every stage of work and thoroughly at every close of shift.

TOOLS REQUIRED

i) Two sets of combination spanners ranging from No. 17 to 32
ii) 4 Nos. 2 Kg. engineering hammers.
iii) 4 Nos. steel wedges size 40x250x50mm.
iv) 2 Nos. long claw bars.
v) 2 Nos.5 tonne by 5 meter chain blocks
vi) 4 Nos. soft slings size 1 tonne x 3 meters.
vii) 2 Nos. DC welding machines 400amps and above complete with welding and earthling cables 70 cubic mm and above, each cable 15meters long or more, fitted with welding holders and earth clamps of 600 amps or above.
viii) 1 Nos. 9'' grinder complete with its safety guards.
ix) 2 Nos. complete oxy-acetylene cutting sets, each with 15 meter long or more hoses, double diaphragm oxygen and acetylene regulators, cutting torches and non return valves for fitting at the regulator side.
x) Chain cutter

Technical

		Quantitative Technical Criteria Description	Tender Returnable Proof Format	Criteria Weighting	Criteria Sub Weighting
1	*Technical criteria*			**90%**	
	1	Is your company certified NCA 4-6 in Mechanical?	Attach current Certificate	10%	
	2	The vendor MUST have done similar jobs (Extensive fabrication and welding jobs).Attach 3 Pos and Completion Certificates of similar jobs and value	The bidder shall submit copy of completion certificates/ un-priced P.O. copies in support of above. If required purchaser may visit the one of bidder's client to verify the details submitted by the bidder in support of past experience as indicated above	40%	
	5	Show detailed preparation and installation work plan	Attach a detailed work schedule for all the activities/work scope (Gannt Chart complete with staffing levels).	40%	
		Safety criteria		10%	
		Does your company have competent, trained, safety conscious, and insured personnel	Attach a valid WIBA for your staff	10%	
		Total		100%	

A minimum overall score of 70% will be used to deem the tenderer technically acceptable and anything below 70% will deem the tenderer technically unacceptable

CONSUMABLES REQUIRED

i) 2 Nos. size 1/8'' Acetylene Cutting nozzles of good quality preferably 'Affrox' from BOC.
ii) 2 Nos.size 1/16'' Acetylene Cutting nozzles of good quality preferably 'Affrox' .
iii) 5 Kgs. 3.25mm Low hydrogen Welding electrodes.
iv) 5 Kgs. 4.00mm Low hydrogen Welding electrodes.
v) 1 Kgs. 3.25mm mild steel Welding electrodes.
vi) 5 Kgs. 4.00mm mild steel Welding electrodes.
vii) 2 pcs. 9'' cutting discs.
viii) 2 Nos. full acetylene cylinders of size 6.8 cubic meters or more.
ix) 3 Nos. full oxygen cylinders of size 8.3 cubic meters or more.
x) 2 Nos. wire brushes.

EQUIPMENT

i) A low loader and prime mover or tractor with open body trailer for moving new parts closer to the loading area, with carrying capacity of at least 5 tonnes.
ii) 5 tonne folk lift

WORKS TO BE ARRANGED BY THE TCML

Unless otherwise specified in the tender documents, the following works shall be arranged by the owner.

i) Space for accommodating all the equipment and components involved in the work.
ii) Provide all technical drawings required.
iii) Provide all equipment, consumable items and materials required.
iv) Provide all the casings required as per the drawings.
v) Provide support columns at the drive end; take up, adapter and standard casing sections with a brace alternative.

Financial

DESCRIPTION	QTY	UNIT	PRICE @
1. Tender for the Replacement of Kiln #1 Chairs and Tangent Plate.	1	LUMP SUM	
2. Other Charges	1	LUMPSUM	
Sub Totals			
VAT			
Total			

NB: Site Visit is Mandatory on 19th May, 2017