

 Government eProcurement System		Government eProcurement System Published Corrigendum Details			
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Organisation Chain :		Council of Scientific and Industrial Research CIMFR-Dhanbad - CSIR			
Tender ID :		2024_CSIR_181043_1			
Tender Ref No :		CIMFR/PUR-14(12)2022			
Tender Title :		Supply Installation commissioning and training of Multi Stage Crushing and Multi Deck Screening Facility			
Corrigendum Type :		Technical Bid			
Corrigendum Document Details					
Corr.No.	Corrigendum Title	Corrigendum Description	Published Date	Document Name	Doc Size (in KB)
1	Revised Specification and Delivery Schedule After Pre-Bid Meeting	Revised Specification and Delivery Schedule for Supply Installation commissioning and training of Multi Stage Crushing and Multi Deck Screening Facility	30-Jan-2024 05:36 PM	Revisedspecanddel.pdf 	541.37

Chapter 4

Revised Technical specification and Delivery Schedule

Coal Crushing and Screening Facility




The purpose of a multistage Crusher with a multi-deck Vibrating Screen is to prepare feedstock for existing pilot plants. There is a requirement for uniform feed-size particles at the feeding section. Available coal size inlet to first stage crusher will be from 50 mm to 150 mm.

Sr. No.	Item	Description
1	Multi-stage Crusher	A multi-stage crusher is necessary for crushing the mine mouth coal to feed into the pilot plant. It consists of three-stage crushers and each stage crusher will operate individually as per the process requirements.
	First Stage (Crusher)	<p>Jaw Crusher Quantity: 01 No. Type: Single Toggle Feed Size: ~ 50 - 150 mm Output: 25mm Mounting Type: Floor Mounting Feed Hopper: Batch Feeding Capacity: 1000 Kg/h Body MOC: Mild Steel MOC of Jaw Plate/ Blades: Manganese Steel V-Pulley MOC: CI Casting Eccentric Shaft MOC: 45C-8 Safety: it should be provided with Overload protection It should provide guards for rotating parts. Motor: suitable capacity; Make: ABB/Siemens/Crompton/GE</p>
	Second Stage (Crusher)	<p>Toothed roll crusher Quantity: 01 No Type: Toothed Roller Feed Size: ~25 mm Output: 12.5 mm Mounting Type: Floor Mounting Feed Hopper: Batch Feeding Capacity: 700 Kg/h Roller Material: Manganese Steel; Safety: it should be provided with Overload protection It should provide guards for rotating parts. Motors: suitable capacity; Make: ABB/Siemens/Crompton/GE</p>
	Third Stage (Crusher)	<p>Toothed roll crusher Quantity: 01 No. Type: Toothed Roller Feed Size: ~12.5 mm Output: 3.5 mm Mounting Type: Floor Mounting Feed Hopper: Batch Feeding Capacity: ~700 Kg/h Roller Material: Manganese Steel;</p>

		<p>Safety: it should be provided with Overload protection It should provide guards for rotating parts. Motors: suitable capacity; Make: ABB/Siemens/Crompton/GE</p>
2	Multi-Deck Vibrating Screen	<p>Multi-Deck Vibrating Screen Quantity: 01 No. Type: Reciprocating motion/shaking/ vibrating Mounting Type: Floor Mounting Feed Size: For the Above three crusher Output Capacity: ~1000 Kg/h Outer Body: Steel Sieves MOC: Stainless Steel of suitable grade Sieves: Woven wire mesh (Should have suitable gauge)/Punched Hole Plate (Should have suitable thickness)</p> <p>Number of Screens: 5 Sieves as below: 1st Screen Sieve Size: 25 mm 2nd Screen Sieve Size: 12.5 mm 3rd Screen Sieve Size: 6 mm 4th Screen Sieve Size: 2.5 mm 5th Screen Sieve Size: 0.5 mm</p> <p>Above mentioned sieve screens should be accommodated in either one screening system/setup or two screening system/setup as defined below. <i>One screening system/setup:</i> All 5 sieve screens should be accommodated together in one setup only. <i>Two screening system/setup:</i> 3 sieve screens should be accommodated together in one setup and another 2 sieve screens should be accommodated together in second setup.</p> <p>As per the availability/convenience of the supplier, anyone suitable combination (either One screening system/setup or Two screening system/setup) should be quoted.</p> <p>Sieve screens should be adjustable and removable. Safety: it should be provided with Overload protection It should provide guards for rotating parts. Motors: suitable capacity; Make: ABB/Siemens/Crompton/GE</p>
		<p>All the electrical/instrument accessories including electrical panel, wiring, cables, push buttons, emergency stop, and earthing required for smooth functioning of all the crushers and screening to be included in the offer.</p> <p>Civil Foundation for all the systems (Crushers, screening systems, electrical panels, etc.) will be in the scope of the supplier.</p> <p>Loading/unloading, transportation, and insurance of the complete system will be in the scope of the supplier.</p>

1)	Special Instructions to Bidder/supplier	<p>Instructions to Bidder</p> <ul style="list-style-type: none"> • Layout for installation of crushers, screen, and electrical panel along with the GA drawing of individual items should be submitted with the technical bid. • Make, model & catalogs of all three crushers and multi-deck screens; and their accessories need to be provided along with the Technical Bid. • Complete Motor details like Hp/kW rating, duty class, class of insulation, make, etc. should be provided by the supplier. • Price breakup for individual equipment should be provided as per the attached price break-Up schedule.
2)	Instructions to Successful Bidder after getting an order	<ul style="list-style-type: none"> • Until the equipment is handed over to the purchaser, the successful Bidder shall be the sole custodian of all materials. • All tools & tackles, apparatus, and special instruments required for installation, and testing, shall be arranged, stored, maintained, and guarded by the Successful Bidder. • In the event of an order, the firm should submit all relevant drawings for the smooth execution of installation, commissioning, and functioning of the complete system to CIMFR. • Battery limit for all utility purposes (electrical, water) provided by CSIR-CIMFR is 60 meters.
		<ul style="list-style-type: none"> • For installation, the required covered plain floor (inside the existing shed) will be provided by CSIR-CIMFR at Digwadih Campus, Dhanbad.
		<ul style="list-style-type: none"> • The supplier should be responsible for delivery and unloading of the whole system at CSIR-CIMFR, Digwadih Campus, P.O: F.R.I, Dhanbad-828108.
3)	Instructions to Supplier during handover of the facilities	<ul style="list-style-type: none"> • The firm should submit corresponding individual manuals of standard items and installation and maintenance manuals of the system at the time of handover of the facility. • A detailed wiring diagram for the control system should be provided.
4)	Terms of Payment	<ul style="list-style-type: none"> • 100% payment will be released after successful installation and commissioning, testing, and onsite training to the CIMFR team, handing over all the certificates, drawings, documents, and manuals, along with the certificate from the user scientist. • Performance Bank guarantee of 5% of the order value needs to be submitted within twenty-one days after signing the contract agreement which will be valid for two months beyond the warranty period.
5)	Warranty	<ul style="list-style-type: none"> • The whole system including all supplied items will be warranted for <u>01 (One)</u> year onsite comprehensive warranty for material and workmanship from the date of final acceptance of the equipment. If any part is found non-functional/defective, the same must be replaced free of cost. The rectification/replacement work must be attended within 2 weeks of a written request, failing which the warranty period of the entire system will be extended for those days/months of delay in attending and putting the equipment in operation.

6)	Training	<ul style="list-style-type: none"> Requisite training for operation and routine maintenance is to be provided by the successful bidder to CSIR-CIMFR team before handing over the test facility at the CIMFR site. 																								
7)	Completion Period	<ul style="list-style-type: none"> The completion of the above Facility setup should be <u>within 07 months</u> from the date of the Purchase Order. The Successful Bidder needs to submit a detailed time schedule for completion of the jobs as prescribed format provided in NIT. 																								
8)	Delivery Schedule	<ul style="list-style-type: none"> The Successful Bidder needs to submit a detailed time schedule for completion of the jobs as prescribed format given below: 																								
<table border="1"> <thead> <tr> <th>Schedule</th> <th>Purchaser's time frame</th> <th>Reference</th> <th>Supplier's Remark</th> </tr> </thead> <tbody> <tr> <td>Expected delivery period</td> <td>4 months</td> <td>From the date of purchase order</td> <td></td> </tr> <tr> <td>Expected installation & commissioning period</td> <td>6 months</td> <td>From the date of purchase order</td> <td></td> </tr> <tr> <td>Expected Period of Demo/ Trail run</td> <td>2 weeks</td> <td>From the date of commissioning</td> <td></td> </tr> <tr> <td>Expected period of observation</td> <td>2 weeks</td> <td>From the date of demo trail run/ demo</td> <td></td> </tr> <tr> <td>Expected date of training</td> <td>2 weeks</td> <td>From the date of demo trail run/ demo</td> <td></td> </tr> </tbody> </table>			Schedule	Purchaser's time frame	Reference	Supplier's Remark	Expected delivery period	4 months	From the date of purchase order		Expected installation & commissioning period	6 months	From the date of purchase order		Expected Period of Demo/ Trail run	2 weeks	From the date of commissioning		Expected period of observation	2 weeks	From the date of demo trail run/ demo		Expected date of training	2 weeks	From the date of demo trail run/ demo	
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1	Price Break up Schedule After Pre-Bid Meeting	Price Break up Schedule must be attached along with Annexure 5Q (in Financial-Bid)	30-Jan-2024 05:36 PM	pricebreakup.pdf 	366.81

Price-Break up schedule must be attached along with Annexure 5 Q in Financial-Bid

Annexure-5 Q (i)

Price Break-Up Schedule

Sr. No.	Item/Component Description	Unit price	Qty	GST	Total Price	Comments
1.	Jaw Crusher					
2.	Tooth Roll Crusher (Second Stage)					
3.	Tooth Roll Crusher (Third Stage)					
4.	Screening System/Setup with Sieve screens					
5.	Electrical/Control Panel along with Cable, Earthing and other accessories					
6.	Transportation & handling including insurance etc.					
7.	Installation, commissioning, testing, and training					
8.	Foundations for all the equipment					
9.	Others (if any)					
	GRAND TOTAL					