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 Tender No 23.27.0000.166.434(ii).4112316.20.21
 dt 21-09-2021

NECESSARY DETAILS

Ser. No	Nomenclature & Specification	Unit	Qty	Rates (Taka) (in figure & Word)	Rmks
(1)	(2)	(3)	(4)	(5)	(6)
1.	<p>Automatic Molten Metal Pouring Machine with all standard and additional accessories as per specification below :</p> <p>Application: For a smooth and reliable flow of liquid molten metal into the mold by tilting/turning the ladle (incorporated with the machine) around the ladle axle.</p> <p>Specification :</p> <p>a. Power source: Electric b. Ladle capacity: 250-550kg (Ladle incorporated with the machine) c. Ladle Sustainable temperature: $\geq 2000^{\circ}\text{C}$ d. lifting height: Minimum ≤ 150 mm, Maximum ≥ 1500 mm (Customize option must be available for different size of Mold box for different type of job & Products) e. Pouring speed: 2-5kg/sec or to be mentioned. f. Ladle transport: Through Rail g. Rail Length: approximate 30 ft (Customize as per BOF's requirement) h. Ladle transport Method: Hydraulic or Electric j. Ladle Pouring System : Automatic k. Ladle movement/ Rotation X axis: Y axis: To be mentioned Z axis: l. Fitting and accessories: Must be provided with the machine. (List must be submitted with the offer and price must be integrated with main machine). m. Retentive timing quantity of molten metal and including other necessary facilities must be in-built with the system. n. Overall dimension: To be mentioned (according to capacity) p. Control System: PLC, HMI q. Weight Control: To be mentioned r. Driving Units: To be mentioned</p>	No	01		
2.	Country of Origin: Group B				
3.	Country of Manufacture: Group B				
4.	<p>a. Warranty for 01 (one) year after acceptance. b. Installation, commissioning & trial run must be done by the supplier within one month (30 days) from the date of arrival at BOF. c. Extensive training (minimum 06 working days) shall be provided to BOF personnel by the Supplier's Technical team at BOF site after installation of the machine. d. 02 x Operation & maintenance manual in English to be supplied with the equipment. e. 03 (three) years service support after acceptance.</p>				

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	<p>f. List of Fast moving spare parts for five (05) years with price for our future reference.</p> <p>g. Performance test with training shall be carried out in BOF site.</p> <p>h. It is the responsibility of supplier to fully integrate, erect and commission the machine at our identified site/room.</p> <p>j. All necessary software (PLC & HMI) required to handling & maintaining the machine must be supplied along with the machine.</p> <p>k. Bidder Should submit original leaflet/Brochure with the offer.</p> <p>l. Supplier should be supplied maintenance tool box with the machine.</p> <p>m. A short video & pictures of the machine have to be provided with the offer for our better understanding.</p> <p>n. Price of Standard and accessories items including necessary items for testing / Inspection/Checking must be integrated with the main machine.</p> <p>p. Before submission the offer Incorporated suppliers may visit factory site (after necessary permission from authority) to see the purpose of the machine.</p>					