| **Sl** | **Description of Items** | **Bidder’s Offer** |
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|  | **Name of Equipment.** Heavy Duty Marine Sheave Block Pulley. |  |
|  | **Purpose.** Heavy Duty Marine Sheave Block Pulley will be used for all types of rope hauling operations in the Slipway and Covered Berth. |  |
|  | **Quantity.**  02 complete set, each consists of two single sheave pulley. |  |
|  | **Manufacturer.** Name and full address to be mentioned. |  |
|  | **Year of Manufacturer.** 2022 or later. The item should be brand new and original. |  |
|  | **Country of Origin.** USA, UK, Canada, Japan, Australia, New Zealand, South Korea, Turkey, EU Countries, China (To be mentioned). |  |
|  | **Manufacturing Country.** USA, UK, Canada, Japan, Australia, New Zealand, South Korea, Turkey, EU Countries, China (To be mentioned). |  |
|  | **Certificate/Document of Authentication.** The bidder must provide following certificate(s)/document(s) with the offer/quotation of items as regard to the genuinity of source and item(s) in order to establish chain of links from the original source to supply items: |  |
|  | One certificate/document by the manufacturer in favour of the bidder (in case of manufacturer as direct source). |  |
|  | Two certificates/documents, one by the manufacturer to authorized agent and other by the authorized agent to bidder (in case of authorized agent as immediate source). |  |
|  | Three certificate/documents, first one by the manufacturer to authorized agent, second one by authorized agent to sub-agent and third one by sub-agent to bidder (in case sub-agent as immediate source). If the bidder is unable to obtain the first certificate (by manufacturer to authorized agent), then it has to produce relevant document to prove agency-ship of its claimed agent of the recognized manufacturer. |  |
|  | **Standard.** The Item/ equipment is to be designed and constructed fulfilling the requirement of internationally recognized standardization. The standards to which the quoted item complies with are to be clearly specified. The standard approval certificate shall be provided with the offer. |  |
|  | **Scope of Supply.** The scope of supply is to include the followings: |  |
|  | 01 Complete Set of portable diesel pump, are to be supplied and installed wherever necessary with accessories, fixings, and other ems for immediate operation and maintenance (as per paragraph 13). |  |
|  | Documentation (as per paragraph [19](#_bookmark2)). |  |
|  | Certification (as per paragraph [9](#_bookmark0), 24 & 25) |  |
|  | Installation to be made by OEM as per the Instruction of the engineer or OEM Rep. |  |
|  | Local training (as per paragraph 21). |  |
|  | **Tools.**  Required tools to be supplied with the machine. |  |
|  | **Technical Specification.** |  |

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|  | 1. **General Features:** The sheave block pulleys should have the following features: | | |  |
| 1. Sheave Block Pulleys can be used for all types of rope hauling operations. | | |  |
| 1. Sheave pulley must be of Casting steel, shackle carbon steel and plated carbon steel | | |  |
| 1. Sheave pulley must be coated with high-quality marine paint | | |  |
| 1. Sheave pulley must be manufactured to the ISO standards | | |  |
| 1. **General Data:** | | |  |
| 1) | Minimum pull capacity | 210 ton (approximate) |  |
| 2) | Designed For | Stranded Steel Wire Rope IWRC 6 X WS (36) (JIS) |  |
| 3) | Speed | 0.05 meter per second (maximum) |  |
| 4) | Diameter of Sheave | To be mentioned by Bidder (Compatible with steel wire rope) |  |
| 5) | Diameter of Steel Wire Rope | 50 mm (minimum) to be mentioned) |  |
| 6) | Painting | High quality Marine Grade paint (Minimum 4 layers) |  |
| 7) | Lubrication | Lubricating Grease |  |
|  | **Standard.** The equipment is to be designed and constructed fulfilling the requirements of international standard. The standard to which the quoted item complies with is to be specified in details. | | |  |
|  | **Standard and Necessary Accessories.** Main item with manufacturer recommended all standard and necessary accessories and attachments (price included in the total price) for smooth and immediate operation without the requirement of any other items (attachments accessories, consumables, etc.) to be supplied with the item A list of standard and necessary accessories should be submitted with the offer. | | |  |
|  | **Standard and Special Tools.** Standard and special tools and equipment required for erection and commissioning of the machine shall be brought by the supplier. Manufacturer recommended standard and necessary tools (price included in the total price) for operation and maintenance of the machine should be supplied. List of standard and special tools will be submitted with the offer. | | |  |
|  | **Spare Parts.** A list of recommended fast moving spare parts with item wise price (price not included in the total price) are to be provided with the quotation. | | |  |
|  | **Documents.** Two (02) sets of following documents (in English language) are to be provided free of cost along with the machine: | | |  |
|  | Operation and maintenance manual. | | |  |
|  | Workshop level repair manual (including various repair instruction, clearance, tolerance, material specifications, etc.). | | |  |
|  | Installation instruction and drawings. | | |  |
|  | Parts catalogue with internationally recognized part no | | |  |

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|  | **Supporting Documents Including Product Brochure/Catalogue.** 01 (one) set of original brochure/ booklet, operation and maintenance manual, products catalogue in English including detail technical information about the quoted calibrator with accessories are to be provided along with the quotation for evaluation/ assessment. Non- submission of such supporting documents will render the offer technically non-responsive. |  |
|  | **Local Training.** The supplier/ manufacturer is to arrange operation, maintenance and -finding training by supplier/OEM representative in the Dockyard premises to a group of Dockyard personnel for a duration of 02 (two) working days after necessary test/ trial and commissioning of the system onboard Bangladesh Coast Guard Dockyard) under training schedule. |  |
|  | **Warranty.** |  |
|  | 1. Minimum 12 (Twelve) Month’s warranty for trouble free operation is to be provided by the supplier/ manufacturer for the item from the date of acceptance by the buyer. If any component of the supplied items becomes defective during the warranty period, the warranty shall be extended automatically (for relevant component) for the period of the subject component remains defective. |  |
|  | 1. For warranty repair/ replacement, the supplier will collect the defective item from Bangladesh Coast Guard Dockyard, Gozaria, Munshigonj (as applicable) and re-supply the same to collecting place after warranty repair or for replacement within 90 (ninety) days from the date of defect at no cost to the purchaser. |  |
|  | **Guarantee**. The supplier is to give guarantee to supply the spare parts for at least 05 years at reasonable price. |  |
|  | **Quality Assurance Certificate.** Quality Assurance Certificate in respect of the associated equipment in regards to its manufacturing and performance is to be provided at the time of delivery of the items. |  |
|  | **Certificate.** The supplier will provide following certificates: |  |
|  | Manufacturer’s Authorization Certificate with the offer. |  |
|  | Pre-delivery Inspection Certificate (in English) prior to delivery are to be provided by the supplier. |  |
|  | **Test, trial and Acceptance.** Test and Trial will be carried out jointly at buyer site in presence of supplier's representative. After satisfactory test, trial and commissioning an acceptance certificate will be signed between the supplier and the buyer. |  |
|  | **Installations.** The supplier shall install the item as per OEM design, drawings and instructions. OEM engineer shall supervise the entire installation work-on-site. All works associated of welding cutting etc. Related to Capstan installation will be done by the supplier |  |