



PRODUCT STANDARD OIL FIELD EQUIPMENT HYDERABAD

OE 57058

Rev No. 05

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SPECIFICATION FOR BOP HANDLING SYSTEM

1.0 APPLICATION

BOP handling system for handling and transporting BOP's to the center of the well and covers minimum requirement for procurement of the complete unit.

2.0 SPECIFICATION

Air operated BOP handling system (integral type / unitized type) with the following specification.

- 2.1 Capacity - 30 ton (twin type 2x15 ton).
- 2.2 Four button pendent controls with emergency stop/start feature for 30 feet lift.
- 2.3 Four wheel trolley.
- 2.4 Lifting lugs for easy installation.
- 2.5 Suitable air motors separately for trolley and hoist with air filter, lubricator & other accessories.
- 2.6 Overload protection.
- 2.7 Limit switch for upper & lower travel protection.
- 2.8 Trolley suitable for ISMB 450. (S-shape beam 18").
- 2.9 Blast cleaned and applied with zinc rich corrosion resistance primer and finished with marine environment resistant final paint.
- 2.10 All chains shall be galvanised.
- 2.11 Design shall be compact modular design.
- 2.12 30 feet pendent hose drop.
- 2.13 Automatic fail safe, multi disc, motor brake on hoist.
- 2.14 Suitable for working in Hazardous area (explosion protection).
- 2.15 Weather protection/ splash guard for pneumatic motor assemblies.
- 2.16 Operating air pressure should not be more than 120 psi.
- 2.17 Galvanised & fully corrosion resistant steel chain container.

3.0 GENERAL REQUIREMENTS

- 3.1 Above specification gives broad guide lines to the vendor to submit offer. Vendor to quote with all technical details.
- 3.2 Two years operational spares to be supplied.

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- 3.3 Inlet hose (30 feet) with suitable end fittings and hammer union to be provided by vendor complete with suitable hose suspensions.
- 3.4 A representation drawing indicating the general assembly and it's installation in a on shore drilling rig shall be submitted along with the offer.
- 3.5 Eight (8) sets of manuals shall be part of the offer.

3.0 NAME PLATE

A name plate bearing following information (engraved/embossed) shall be provided on the body of BOP handling system:

- 3.1 Manufacturer's name
- 3.2 Sl. No.
- 3.3 Model number
- 3.4 Year of manufacture
- 3.5 Type of equipment
- 3.6 Capacity of equipment
- 3.7 Any other information

4.0 SPARE PARTS

Vendor/manufacturer shall supply spare parts for two year of operation including part no. & price of each item.

5.0 TOOLS

The bidder shall provide set of working tools required for operation and maintenance.

6.0 VENDOR TO FURNISH THE FOLLOWING DOCUMENTATION

1. Operation, maintenance and repair manual - 8 set
2. Detailed spare parts manual indicating all parts by part no.— 8 sets
3. Performance test and material test report with certificate.

7.0 PACKING:

Shipping packaging shall be designed to ensure that the equipment reaches site in a clean and undamaged condition. All packaging shall be designed for and effective life of at least 2 years while stored in and outdoor environment. All parts that are to be sent in boxes shall be packed as per the following requirements:



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- (a) Inner surfaces of the sides & bottoms, outer surfaces of top of all closed packing cases shall be covered with hessain bitumen coated polyethylene kraft paper/HDPE Tarpaulin 150 GSM
- (b) Adequate battens (lined with waterproof bitumenised paper/HDPE Tarpaulin 150 GSM together with rubber sheet) shall be provided at appropriate places to prevent the movement of equipment/component inside the packing cases.
- (c) The components, sub-assemblies and assemblies are completely covered with 2 layers of polyethylene sheet. All sharp corners and edges are to be protected by rubber mats to prevent the polyethylene sheet from damage. The top surface of the case shall be free from dents to prevent rainwater pockets.
- (d) Desiccant (silica gel) filled into dust free, air permeable linen bags shall be placed inside the boxes.
- (e) All packing cases shall contain a packing list inside a waterproof envelope both inside the box and outside the box. The packing list placed outside of the box shall be suitably covered with metallic sheet such that the packing list is not lost during transit.
- (f) All markings on the case shall be made of waterproof materials to prevent obliteration during transit.
- (g) The following details shall be marked on the packing case:
 - (g).1. P.O. No.
 - (g).2. Case No.
 - (g).3. Net weight
 - (g).4. Gross weight
 - (g).5. Dimensions of box
 - (g).6. Markings showing:
 - (g).6.1. Upright position.
 - (g).6.2. Sling position.
 - (g).6.3. Storage position
 - (g).6.4. Fragile components (if applicable)

8.0 ADDITIONAL REQUIREMENTS:

THE OFFER SHALL INCLUDE THE FOLLOWING ADDITIONAL REQUIREMENTS. THE OFFER CAN BE SUMMARILY REJECTED IF THESE REQUIREMENTS ARE NOT INCLUDED IN THE OFFER:

1. COMPLETE PACKING DETAILS OF THE EQUIPMENT THAT SHALL INCLUDE THE FOLLOWING:
 - 1.1. NUMBER OF BOXES
 - 1.2. CONTENTS – ITEMS LIST – OF EACH BOX.



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2. LIST OF COMMISSIONING AND TWO YEARS OPERATIONAL SPARES WHICH SHALL INCLUDE CONSUMABLES LIKE FILTERS, SPECIAL GREASE, SPECIAL OIL ETC. VENDOR TO CONFIRM THAT NO OTHER ITEM IS REQUIRED AS SPARE FOR COMMISSIONING AND TWO YEARS OPERATION.

3. VENDOR TO CONFIRM THAT EACH MAIN EQUIPMENT SHALL BE PACKED SEPARATELY EVEN THOUGH THEY ARE TO THE SAME DESTINATION. ALSO SPARES FOR EACH EQUIPMENT SHALL BE PACKED SEPARATELY. THIS ENSURES PROPER IDENTIFICATION,

RECEIPT AND DISTRIBUTION OF MATERIAL TO EACH SITE.

9.0 CHECK LIST FOR SUBMISSION OF OFFER:

1. DETAILED OFFER COMPLYING TO THE SPECIFICATION– (Y/N)
2. TABLE OF COMPLIANCE – FILLED AND ENCLOSED - (Y/N)
3. PACKING DETAILS AS PER CLAUSE 9.0. ENCLOSED - (Y/N)
4. LIST OF COMMISSIONING AND TWO YEAR OPERATION SPARES INCLUDING CONSUMABLES ENCLOSED - (Y/N)
5. CONFIRMATION THAT NO OTHER ITEM IS REQUIRED AS SPARE FOR COMMISSIONING AND TWO YEARS OPERATION (REFER CLAUSE 10.2.) - (Y/N)
6. CONFIRMATION THAT EACH EQUIPMENT AND ITS SPARES ARE SEPERATELY PACKED (REFER CLAUSE 10.3.) - (Y/N)

VAR NO	DESCRIPTION	MAT. CODE
01	30 TON BOP HANDLING SYSTEM WITH 2 YEARS OPERATIONAL SPARES	OE9757058017
02	SUPPLY OF 30 TON BOP HANDLING SYSTEM WITHOUT 2 YEARS OPERATIONAL SPARES (VENDOR HAS TO QUOTE FOR 2 YEARS OPERATIONAL SPARES ALONG WITH PRICE OF EACH ITEMS)	OE9757058025

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TABLE OF COMPLIANCE FOR BOP HANDLING SYSTEM:

**VENDOR TO FILL UP TABLE OF COMPLIANCE AND SUBMIT ALONG WITH
TECHNICAL BID**

SPEC. CLAU SE NO.	CONFIRMS (YES/NO)	ALTERNATE (YES/NO)	REMARKS
1.0			
2.1			
2.2			
2.3			
2.4			
2.5			
2.6			
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2.17			

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3.1			
3.2			
3.3			
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6.0			
7.0			
8.0			
9.0			

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