



OIL INDIA LIMITED

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CORRIGENDUM DATED 23.06.2021

1.0 This corrigendum has been issued to notify the following amendment to Annexure-CCC and Annexure-IA of Tender No. SDI6985P22/P6 dated 13.05.2021, consequent to the pre-bid conference held on 14.06.2021 and 17.06.2021:

Clause No.	Existing	Amended
<u>Annexure-CCC: Technical Bid Rejection Criteria (BRC)</u>		
(A)Technical-1.0	<p>The offered pump must be FM approved and UL listed Horizontal Split Casing Centrifugal Pump, with an efficiency of 70% or higher, suitable for continuous duty, meeting delivery parameters in the range of 4000 +-5% GPM and 400 feet head respectively. Documentary evidence in support of FM approval & UL listing is to be submitted along with the offer. In support of the technical parameters of the offered model of the pump, performance curve, technical literature from OEM of the pump must be submitted along with offer.</p>	<p>The offered pump must be either FM approved or FM approved and UL listed Horizontal Split Casing Centrifugal Pump, with an efficiency of 70% or higher, suitable for continuous duty, meeting delivery parameters in the range of 4000 +-5% GPM and 400 (Minimum) feet head respectively. In support of the technical parameters of the offered model of the pump, performance curve, technical literature from OEM of the pump must be submitted along with offer.</p> <p>Documentary evidence in support of FM approved or FM approved & UL listed(as the case may be) is to be submitted along with the offer or within 6 (six) months from the date of placement of Purchase Order.</p> <p>In case of non-submission of FM approved or FM approved and UL Listed certificates(as the case may be) along with the offer, bidder shall have to provide an undertaking that the relevant documents will be submitted within 06 (six) months from the date of placement of Purchase Order.</p>
(A)Technical-1.1	<p>The offered model of engine must be FM approved and UL listed</p>	<p>The offered model of engine must be either FM approved or FM</p>

Clause No.	Existing	Amended
	<p>dedicated by the OEM for fire fighting duties. It should conform to ISO 3046 / BS 5514 / IS10000 specifications. It should be rated for continuous power and should have 10% reserve horse power in excess of the net minimum BHP requirement of the pump input when running at rated rpm. Documentary evidence in support of FM approval & UL listing is to be submitted along with the offer. In support of technical parameters of the offered model of the engine, technical literatures from the OEM of the engine must be submitted along with the offer.</p>	<p>approved and UL listed dedicated by the OEM for fire fighting duties. It should conform to ISO 3046 / BS 5514 / IS10000 specifications. It should be rated for continuous power and should have 10% reserve horse power in excess of the net minimum BHP requirement of the pump input when running at rated rpm.</p> <p>In support of technical parameters of the offered model of the engine, technical literatures from the OEM of the engine must be submitted along with the offer.</p> <p>Documentary evidence in support of FM approved or FM approved & UL listed(as the case may be) is to be submitted along with the offer or within 6 (six) months from the date of placement of Purchase Order.</p> <p>In case of non-submission of FM approved or FM approved and UL Listed certificates(as the case may be) along with the offer, bidder shall have to provide an undertaking that the relevant documents will be submitted within 06 (six) months from the date of placement of Purchase Order.</p>
<p>(A)Technical-1.2</p>	<p>The offered controllers for the pump set should be FM approved and UL listed. Documentary evidence to this effect must be submitted. Without which the offer will be rejected.</p>	<p>The offered controllers for the pump set should be either FM approved or FM approved and UL listed Documentary evidence in support of FM approved or FM approved & UL listed(as the case may be) is to be submitted along with the offer or within 6 (six) months from the date of placement of Purchase Order.</p> <p>In case of non-submission of FM approved or FM approved and UL Listed certificates(as the case may be) along with the offer, bidder shall have to provide an undertaking that the relevant documents will be submitted within 06 (six) months from the</p>

Clause No.	Existing	Amended
		date of placement of Purchase Order.
Annexure-IA: Technical Specifications with Quantity		
1.0 A (d)	Head: 400 feet (121.92 meters)	Head: 400 feet (121.92 meters), Minimum.
1.0 B	<p>The engine shall be a FM approved and UL listed, compression ignition four stroke, naturally aspirated or turbocharged diesel engine, rated for continuous power, having 10% reserve horse power in excess of the net minimum BHP requirement of the pump input when running at rated rpm, at the site conditions given below, shall be dedicated by OEM for firefighting applications.</p> <p>Make: Caterpillar, Cummins, Detroit Diesel, Kirloskar or Clarke.</p> <p>Ambient Temperature Maximum : 450 C</p> <p>Ambient Temperature Minimum : 50 C</p> <p>Maximum Relative Humidity at 350 C: 95%</p> <p>Maximum altitude above mean sea level: 150 M</p> <p>The Fuel to be used by the prime mover: HSD Fuel conforming to IS: 1593-1982.</p>	<p>The engine shall be either FM approved or FM approved and UL listed, compression ignition four stroke, naturally aspirated or turbocharged diesel engine, rated for continuous power, having 10% reserve horse power in excess of the net minimum BHP requirement of the pump input when running at rated rpm, at the site conditions given below, shall be dedicated by OEM for firefighting applications.</p> <p>Make: Caterpillar, Cummins, Detroit Diesel, Kirloskar or Clarke.</p> <p>Ambient Temperature Maximum : 45 degree Celsius</p> <p>Ambient Temperature Minimum : 5 degree Celsius</p> <p>Maximum Relative Humidity at 35 degree Celsius : 95%</p> <p>Maximum altitude above mean sea level: 150 M</p> <p>The Fuel to be used by the prime mover: HSD Fuel conforming to IS: 1593-1982.</p>
1.0 B (III) a)	Suitable air starter with necessary connection, pipe fittings and other necessary accessories within the skid of the engine.	Suitable air starter with necessary connection, pipe fittings and other accessories related to Air Starter only. Supply of pressurised air shall be in OIL's scope.
1.0 B (IV) b)	Exhaust Silencer: Residential type with Spark Arrestor suitable for using in hazardous area.	Exhaust Silencer: Residential type with Spark Arrestor suitable for using in Fire Pump application.
1.0 C a)	UL Listed and FM approved	Either FM approved or FM approved and UL listed
1.0 D c) ii.	Deduction for blower fan and other ancillary equipment.	Deduction for other ancillary equipment.
1.0 D I)	Suction & Delivery Connection: A suitably sized suction and discharge manifold suitable for suction and discharge working pressures and discharge capacity of the pump shall be supplied	Suction & Delivery Connection: A suitably sized suction and discharge manifold suitable for suction and discharge working pressures and discharge capacity of the pump shall be supplied along with the centrifugal pump sets.

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	<p>along with the centrifugal pump sets.</p> <p>The Suction Manifold shall be having suitable numbers of inlets of 6 inch size fitted with Butterfly valves & Hammer Unions with equal numbers of 20' (twenty feet) long suitable hydraulic Hoses with strainer and foot valves, preferably of PVC material.</p> <p>The Discharge Manifold shall be having suitable numbers of inlets of 4 inch size fitted with Butterfly valves & Hammer Unions with equal numbers of 20' (twenty feet) long suitable hydraulic Hoses. Heavy duty liquid filled industrial type Pressure gauge having range of 0 to 500 PSI with dampening mechanism to minimise fluctuations should be fitted at a suitable position of the manifold.</p> <p>Note: The accessories such as hammer unions, suction hoses, delivery hoses, butterfly valves and pressure gauges should be of reputed make, conventionally used for similar applications and detailed specification of these items including their make should be provided along with the offer.</p>	<p>The Suction Manifold shall be having suitable numbers of inlet ports of 6 inch size fitted with Rising Spindle Sluice valve & Hammer Unions with equal numbers of 20' (twenty feet) long suitable hydraulic Hoses with strainer and foot valves, preferably of PVC material.</p> <p>The Discharge Manifold shall be having suitable numbers of outlet ports of 4 inch size fitted with Butterfly valves & Hammer Unions. Heavy duty liquid filled industrial type Pressure gauge having range of 0 to 500 PSI with dampening mechanism to minimise fluctuations should be fitted at a suitable position of the manifold.</p> <p>Note: The accessories such as hammer unions, suction hoses, delivery hoses, butterfly valves, Gate valves and pressure gauges should be of reputed make, conventionally used for similar applications and detailed specification of these items should be provided along with the offer.</p>
<p>1.0 D m)</p>	<p>SKID: All of the equipment of the pump package shall be mounted on an open structural steel base plate. All piping must be firmly anchored to the steel base by means of flange, saddle, or clamp supports as required.</p>	<p>SKID: All of the equipment of the pump package shall be mounted on an open structural steel base plate. All piping must be firmly anchored to the steel base by means of flange, saddle, or clamp supports as required. A detailed GA drawing of the offered Pump Set as per required dimension is to be submitted along with the offer. OIL may ask the bidder to modify the drawing as deemed fit during the Technical Scrutiny period. In case of placement of Purchase Order on the party, final approval of the GA</p>

Clause No.	Existing	Amended
		drawing from OIL has to be taken by the party before final assembly of the pump-set. However, this process should not affect the required delivery period of maximum 15 months from the date of placement of Purchase Order.
1.0 G ii)	<p>Operationally critical spares. The supplier shall supply the following operational critical spares along with the supply of the unit, 01 set for each pump set</p> <p>Centrifugal Pump:</p> <ul style="list-style-type: none"> • Gland packing – 10 sets • One set of 6” X 20 feet long Suction hose with strainer & foot valves. • One set of 4” X 20 feet long Discharge hose. • One set propeller drive shaft coupling with finished bore to match with pump shaft. <p>Diesel Engine:</p> <ul style="list-style-type: none"> • Air filter – Two sets • Fuel filter – Five sets • Lube oil filter – Five sets • Air starter – One no. • Electric starter –One no. • V belt – Five sets • Coolant: Sufficient for one complete refilling <p>Instrumentation:</p> <ul style="list-style-type: none"> • One set of instrumentation spares along with controller spare parts. <p>Any other operationally critical spare recommended by corresponding equipment OEM</p> <p>Note:</p> <p>1. Bidders shall have to provide the unit price, along with the part numbers, of the above spares. The cost of these spares shall be considered during commercial evaluation of the offer.</p> <p>2. One set means total no per unit.</p>	<p>Operationally critical spares. The supplier shall supply the following operational critical spares along with the supply of the unit, 01 set for each pump set</p> <p>Centrifugal Pump:</p> <ul style="list-style-type: none"> • Gland packing – 10 sets • One set (same as number of ports) of 6” X 20 feet long Suction hose with strainer & foot valves. • One set propeller drive shaft coupling with finished bore to match with pump shaft. <p>Diesel Engine:</p> <ul style="list-style-type: none"> • Air filter – Two sets • Fuel filter – Five sets • Lube oil filter – Five sets • Air starter – One no. • Electric starter –One no. • V belt – Five sets • Coolant: Sufficient for one complete refilling <p>Instrumentation:</p> <ul style="list-style-type: none"> • One set of instrumentation spares along with controller spare parts. <p>Any other operationally critical spare recommended by corresponding equipment OEM</p> <p>Note:</p> <p>1. Bidders shall have to provide the unit price, along with the part numbers, of the above spares. The cost of these spares shall be considered during commercial evaluation of the offer.</p> <p>2. One set means total no per unit.</p>

Clause No.	Existing	Amended
	<p>iii). Bidder shall also quote separately for any additional recommended spare parts with similar details as felt necessary for 2 (two) years trouble free operation and maintenance but not covered in the above list for future reference / procurement. However, these additional spares as suggested by the bidder will not be considered for bid evaluation purpose.</p>	<p>3). Bidder shall also quote separately for any additional recommended spare parts with similar details as felt necessary for 2 (two) years trouble free operation and maintenance but not covered in the above list for future reference / procurement. However, these additional spares as suggested by the bidder will not be considered for bid evaluation purpose.</p>
<p>1.0 H 3.0</p>	<p>Pre-despatch Inspection and testing:</p> <p>The pump set unitized with the supplied engine shall be inspected by OIL's deputed engineer at manufacturers' works / factory prior to dispatch. However, such inspection will not relieve the supplier of his responsibility to ensure that the equipment supplied conforms to the correct specifications and is free from manufacturing and all other defects.</p> <p>The fire pump set will be factory performance tested in accordance with the requirements of FM and UL. The inspection shall include performance / full load test as well as NPSH tests of the pump in unitized condition in presence of OIL's deputed representative. The pump sets shall be cleared for dispatch only after satisfactorily carrying out the tests specified above. Test certificates in respect of pump, engine and controllers shall have to be forwarded along with delivery of material.</p> <p>Note: Charges for carrying out the above tests at the manufacture's facility should be included in the purview of the offer.</p>	<p>Pre-despatch Inspection and testing:</p> <p>The pump set unitized with the supplied engine shall be inspected by OIL's deputed engineer at manufacturers' works / factory prior to dispatch. However, such inspection will not relieve the supplier of his responsibility to ensure that the equipment supplied conforms to the correct specifications and is free from manufacturing and all other defects.</p> <p>The fire pump set will be factory performance tested in accordance with the requirements of either FM approved or FM approved and UL listed. The inspection shall include performance / full load test as well as NPSH tests of the pump in unitized condition in presence of OIL's deputed representative. The pump sets shall be cleared for dispatch only after satisfactorily carrying out the tests specified above. Test certificates in respect of pump, engine and controllers shall have to be forwarded along with delivery of material.</p> <p>Note: Charges for carrying out the above tests at the manufacture's facility should be included in the purview of the offer.</p>

2.0 Accordingly, the priced bid format for the subject tender also stands revised. In this regard, please refer to Annexure-HHH(R): Revised Priced Bid Format (copy enclosed).

3.0 Also, the bid closing date and bid opening date stands amended/extended as under:

Particulars	Existing	Amended
Bid closing date	01.07.2021 (11:00:00)	07.07.2021 (08:00:00)
Bid opening date	01.07.2021 (14:00:00)	07.07.2021 (09:00:00)

Note: All other terms and conditions of the Tender No. SDI6985P22 shall remain unchanged.

ANNEXURE-HHH (R): REVISED PRICED BID FORMAT

Tender No. SDI6985P22/P6 dated 13.05.2021

Name of Bidder:					
Sl. No	Particulars	Qty	UOM	Unit Price (₹)	Total Price (₹)
A1	Total Material Cost (including TPI charges, if any) of items/equipment (i.e Diesel Engine Driven Pump Set) ref. Annexure-IA	2	NO		
A2	Total Cost of Commissioning Spares (Detailed break-up to be provided as per below Appendix-CS)	1	SET		
A3	Total Cost of Operationally Critical Spares (Detailed break-up to be provided as per below Appendix-OCS)	2	SET		
A4	Total Cost of any other operationally critical spare recommended by corresponding equipment OEM (Detailed break-up to be provided as per below Appendix-PCS)	1	SET		
A	Total Material Cost, A1+A2+A3+A4				
B	Packing & Forwarding Charges				
C	Total Ex-Works Value, A+B				
D	GST@5% of C against Essentiality Certificate				
E	FOR Dispatching Station Value, C+D				
F	Freight charges up to Destination including GST				
G	Insurance charges up to Destination including GST				
H	Total FOR Destination Value, E+F+G				
I	Installation & Commissioning & Training charges (ref. Annexure-IA)				
J	GST on (I)				
K	Total Value, H+I+J				
L	Tentative Gross Weight				
M	Tentative Dimensions				
N	Name of Manufacturer				
O	Place of Dispatch				

Note: Bidders must indicate HSN Codes of each individual items.

Comparison will be done on Total value vide **Sl. No. K (above)** of the bidder.

Note: Domestic bidders must quote inland freight charges up to **Oil India Limited, Duliajan**. In case bidder fails to quote inland freight charges, highest freight quoted by domestic bidder (considering pro-rata distance) against this tender or OIL's estimated freight, whichever is higher, shall be loaded to their offer for comparison purpose.

BREAK-UP OF THE PRICES FOR COMMISSIONING SPARES

The supplier has to supply all the spare parts required for initial commissioning of the units.

(Unit price to be quoted in Price Bid only, not in Technical Bid)

Sl. No.	Group/ Subparts	Detailed Spares	Make	Part No.	Quantity	Units Of Measure (UoM)	Unit Price (₹)	Total price (To be quoted In Price Bid) (₹)
GRAND TOTAL								

BREAK-UP OF THE PRICES FOR OPERATIONALLY CRITICAL SPARES

Supplier shall supply the operational critical spares as specified in **Clause No. (G) of ANNEXURE-IA** along with the supply of the unit, **01 set for each pump set.**

(Unit price to be quoted in Price Bid only, not in Technical Bid)

Sl. No.	Detailed Spares	Quantity	Units Of Measure (UoM)	Unit Price (₹)	Total Price (To be quoted In Price Bid) (₹)
Centrifugal Pump					
	Gland packing	10	SET		
	6" X 20 feet long Suction hose with strainer & foot valves Note: 1 SET ≡ same as number of ports)	1	SET		
	Propeller drive shaft coupling with finished bore to match with pump shaft	1	SET		
Diesel Engine					
	Air filter	2	SET		
	Fuel filter	5	SET		
	Lube oil filter	5	SET		
	Air starter	1	NO		
	Electric starter	1	NO		
	V belt	5	SET		
	Coolant (Sufficient for one complete refilling)	1	NO		
Instrumentation					
	Instrumentation spares along with controller spare parts	1	SET		
GRAND TOTAL					

**BREAK-UP OF THE PRICES FOR ANY OTHER OPERATIONALLY
CRITICAL SPARE RECOMMENDED BY CORRESPONDING
EQUIPMENT OEM**

The supplier has to supply any other operationally critical spare recommended by corresponding equipment OEM as specified in **Clause No. (G) of ANNEXURE-IA**

(Unit price to be quoted in Price Bid only, not in Technical Bid)

Sl. No.	Group/ Subparts	Detailed Spares	Make	Part No.	Quantity	Units Of Measure (UoM)	Unit Price (₹)	Total price (To be quoted In Price Bid) (₹)
GRAND TOTAL								