

OIL INDIA LIMITED
(A Government of India Enterprise)
Pipeline HQ, Narangi
Guwahati-781171, Assam

CORRIGENDUM

Addendum No. 01 dated 28.10.2015 to Tender No. SGI8601P16

This Amendment no. 1 dated 28.10.2015 to tender no. SGI8601P16 has been issued to amend the following –

- (i) ANNEXURE -1A has been revised as ANNEXURE–1A(REVISED).
- (ii) APPENDIX - I [PRICED BID FORMAT (SUMMARY)] has been revised as APPENDIX – I (REVISED).

Note: *ANNEXURE – 1A (REVISED) and APPENDIX – I(REVISED) have been uploaded in e-portal under Amendments and also enclosed herewith.*

All other terms and conditions of the tender remain unchanged.

Regards

OIL INDIA LIMITED

Sd/-
(BIMAL BORA)
DY. MANAGER MATERIALS (PL & CoEES)
FOR GENERAL MANAGER (PLS)

ANNEXURE 1A (REVISED)

REVISED TECHNICAL SPECIFICATIONS OF PETROLEUM PRODUCT CLEANUP CHEMICAL

Petroleum Clean up chemical Kit consisting of following items -

1.0 BOOMS

1.1 Description:

Oil Sorbents shall be made from inert, synthetic fibres principally polypropylene and polyester. Boom shall be lightweight and dust-free.

1.2 Features:

Booms should Repel water while absorbing petroleum-based liquids. These should not deteriorate, disintegrate, or sink in water. Booms shall be re-usable. Booms shall be disposable by incineration or fuel blending. It should resists temperature and humidity extremes .These should be UV resistant & should not deteriorate or disintegrate and should be designed to prevent linting.

1.3 Long Booms:

Booms should have arrangement for connecting together to form barriers. Booms should be designed to position across still / moving water to contain, channel and absorb oil spills. Booms should be suitable for use on rivers and in harbours. Booms should be designed for long-term deployment for controlling and absorbing spills and effluent discharges in ditches, streams, rivers, lakes, and terminal docks and piers.

1.4 Mini Booms:

Mini booms should be designed for applications to contain and absorb spills. The petroleum Sorbent Mini-Booms should absorb hydrocarbon based liquids (oleophilic) and repel aqueous-based liquids (hydrophobic). Mini-booms should have tube-like shape to encircle spills and contain leaks.

1.5 Pillows:

Pillows to be designed with a scrim that encases particulate sorbent material. Pillows should be small, lightweight and tear-resistant and can be used in areas where more capacity is desired than can easily be achieved using a sorbent pad.

2.0 PARTICULATE:

Loose sorbent particulate should absorb oil spills on land or still water. The Petroleum Sorbent Particulate should absorb hydrocarbon-based liquids (oleophilic) and repel aqueous-based liquids (hydrophobic). Particulate should be usable when combined with a wire fence as a barrier to filter out oils and other hazardous liquids in flowing water. It should be usable for manual placement or for mechanical blowing in open areas on large spills. Each kit of Absorbent should have 20 kg of Particulate in pack size of 5 kg each or smaller sizes adding upto 20 kg.

3.0 TYPICAL LIQUIDS ABSORBED

Oil Sorbents are suitable for absorbing hydrocarbons and non-polar organic solvents, eg; oil, paraffin, diesel, benzene, alcohols, toluene, esters and ethers.

4.0 COLOUR

White (Particulate) and red / orange/white (booms and mini booms).

TECHNICAL SPECIFICATIONS OF OIL SPILL DISPERSANT

1.0 OIL DISPERSANT CHEMICAL:

Oil spill dispersant chemical to control and combat oil spills must be:

- ☐ Water based having flash point of more than 93 deg. C
- ☐ Contains NO hydrocarbon solvents
- ☐ Low toxicity(not hazardous for humans.)
- ☐ Subject to rapid biodegradation once applied.
- ☐ Equally effective in salt and fresh water
- ☐ Able to be dispensed neat or diluted

- Minimum dispersant capability of the compound – one part of dispersant shall disperse 30 parts of oil.
- Supplied in polyethylene drums
- Minimum 10 years shelf life when drums kept unopened.
- Able to be sprayed with existing water / foam nozzle.
- Should not destroy the flora and fauna and should not harm the Marine Life
- Listed with National Institute of Oceanography (NOI) Goa or National Contingency Plan of EPA.
- Spare Part kit (Piston, Bushes, Fitting & rubber washers etc.)
- Backpack of 20 litre with hand held spray nozzle. □ Packing : 40 litre (Packed in two HDPE jerry cans preferably smaller can of 5 litres each)

2.0 BACKPACK SPRAYER 15-20 LTRS :

15- 20 litre Backpack sprayer with leak proof tank and piston pump for easy cleaning and maintenance. Arrangement should be provided to carry the backpack by shoulder harness, and should easily and quickly adjustable. A basket filter along with trigger valve and nozzle filters to reduce blockages during application. Spraying should be controlled from the trigger valve through a lightweight trigger incorporating a spring-loaded quick acting valve and in-line filter. A lock "ON" function to be provided to ease out continual operation and a lockable "OFF" function to prevent accidental operation. All working parts should be internal to prevent accidental damage to sprayer pump mechanism. Rapid-fit shoulder straps should have rubber shoulder pads for comfort. Shoulder harness should be fully extendable when putting the sprayer on or taking it off. Spraying should be controlled from the trigger valve. Net weight should be in the range 5-5.5 kg.

GENERAL SPECIFICATIONS

1. APPLICABLE CODES AND STANDARDS WORKMANSHIP:

The Oil Sorbents shall meet the specifications and standards (including standards / specification mentioned therein) listed in this tender. The successful bidder shall execute the order based on the detailed Technical Specification and Data Sheets for each of the items specified in the tender document.

2. WORKMANSHIP AND FINISH:

All items supplied shall have good workmanship and finish.

3. INFORMATION/DOCUMENTS REQUIRED ALONGWITH THE BID FROM VENDOR

The vendor should enclose the detailed catalogue (if any) of the model being offered and Approvals like FM/UL/EN etc as specified in respect of individual items in the tender along with the technical bid.

4. INFORMATION/DOCUMENTS REQUIRED AT THE TIME OF SUPPLIES FROM VENDOR

- a. Three sets of documents (duly certified) to be provided.
- b. Other approvals like FM/UL/EN etc as specified in respect of individual items in the tender
- c. Operating and Instruction manuals of the manufacturer
- d. Guarantee / Warranty certificate

5. INSPECTION & TESTING:

All the equipment/item under Bidder Scope of supply shall be tested, at any of the reputed labs, according to the relevant standards. All the certificates shall be accompanied with the materials being dispatched to respective sites.

All supplies must be accompanied by batch Test Certificates issued for the corresponding batch. Invoice shall contain reference of the batch test certificate

At least 5 % of the kits shall be tested for the following at a reputed laboratory.

OIL may depute their representatives for inspection at OIL" s cost.

Scope of Inspection of Petroleum Clean Up Chemical and Oil Spill.

Dispersant shall include the following:

Description	Criteria
Typical Liquids Absorbed□	Oil Sorbents are suitable for absorbing hydrocarbons and non-polar organic solvents, e.g.; oil, paraffin, diesel, benzene, etc.
Flammability	Tests carried out on long term storage, heat build-up and ignition from three sources: spark, flame and cigarette using oil and diesel at 0%, 50% and 100% saturation levels. Tests compared to testing on clay granules and sawdust. Available result in a full report should summaries: "Sorbents take on the properties of the liquid absorbed and do not present a greatly increased flammability hazard over other common absorbents. No heat build-up occurs in long term storage".
Waste Minimization□	Oil Sorbents shall be suitable for disposing by incineration and shall yield ash quantity less than 0.02% as per ASTM D-482. Sorbents shall be able to recover 90% using mechanical wringing according as per ASTM F726-81.

Absorbing Capacity	<input type="checkbox"/> Long Booms : Absorbing Capacity of 40 lts per boom (Minimum) <input type="checkbox"/> Mini Booms : Absorbing Capacity of 7.5 lts per boom (Minimum) <input type="checkbox"/> Pillows : Absorbing Capacity of 12 lts per pillow (Minimum) <input type="checkbox"/> Particulate – 250 ltrs (Minimum)
Oil Spill Dispersant Chemical <input type="checkbox"/>	Test for solubility and dispersability. <input type="checkbox"/>

Test for solubility and dispersability:

Colour: White (Particulate) and white/ red / orange (booms and mini booms and pillows).

Scope of Inspection of Petroleum Clean Up Chemical shall include the following:

- ☐ The supplier for the successful bidder's scope of supply items shall not despatch any item from their works / godown until the material has been inspected & accepted by issue of Inspection Release Note.
- ☐ All the items in scope of supply shall be carefully examined to determine their conformance with the specification with respect to material and workmanship, finish, marking, ratings, dimensions, etc. and to assess their conformance with other requirements stated or reasonably implied but not covered by the specific tests.

At the time of Supplies following documents/ drawings shall be submitted -

- a. All inspection and testing records.
- b. Operating and instruction manual.
- c. Testing and maintenance procedure/manual.

☐ Compliance with this specification will not relieve the bidder of his responsibility for supplying the equipment / item of proper design,

material and workmanship to meet the specified operating requirements and also proper workmanship and performance of the facilities under the contract.

All the certificates shall be accompanied with the materials being despatched to respective sites.

6. APPROVED THIRD PARTY INSPECTION AGENCY: LRIS / DNV/ IRS /EIL / UL

Lloyds Register Industrial Service Ltd. (LRIS), Det Norske Veritas (DNV), Indian Register of shipping (IRS), Engineers India Ltd. (EIL) and UL India Pvt. Ltd. (UL).

7. COMMISSIONING AND TRAINING:

The owner shall give commissioning call through e-mail/ Fax to the vendor, the vendor shall depute their representative within 10 days of the commissioning call failing which owner may proceed ahead with commissioning through other party at the risk and cost of the vendor.

The broad scope of commissioning includes but not limited to the following:

- a. Basic Training to Operating Personnel at Site
- b. Checking of functionality of all equipment.
- c. Commissioning spares, if applicable has to be provided by the vendor and the same is deemed to be included in the quoted rate.
- d. Commissioning report to be prepared and jointly signed by vendor and owner.
- e. Vendor shall also impart training to the team of employees designated by the location in charge at each location. Training shall include the basic function of the equipment, method of usage, dos & don'ts etc.

8. PACKING AND DISPATCH:

All the equipment shall be properly packed for protection and ease of handling during transportation to ensure that no damage is caused.

Properly packed equipment must be dispatched together to the respective destinations at the addresses furnished.

Special notation such as “Fragile”, “This side up”, “Center of gravity”, “Weight” , “Owner” s particulars” , „PO no.” etc. shall be clearly and indelibly marked on the packages together with other details as per purchase. A set of instruction manuals for erection, testing and commissioning, a set of operation and maintenance manuals and a set of final drawings shall be enclosed in a waterproof cover along with the shipment.

9. DELIVERY PERIOD:

Timely implementation of the project is essence of this contract. Hence those bidders having requisite capacity and capabilities and genuinely interested to meet the stipulated timelines are requested to participate in the tender. Preparation of drawings/ Data Sheet & QAP, review and approval by Owner is included within the completion period. Owner shall take a min. of one weeks time for review and approval of Data

sheet/drawing/QAP from the date of receipt of documents. The detailed location wise quantities are enclosed in the tender common forms section. Please sign and upload the same as a token of acceptance. You have to supply respective quantities to respective locations at your own risk and cost.

TENDER NO. SGI8601P16 DATED: 17.09.2015:

**MATERIAL DESCRIPTION OF PETROLEUM PRODUCT CLEANUP
CHEMICAL -**

Item srl no.	Material Description	Quantity	Unit
10	Long boom of 127 mm dia X 3 m Long, Total absorbing capacity- 40 Liters. OR Boom of higher dia (upto 203 mm) having length of 2-3 meters having absorbing capacity of 40 liters.	78	NO

20	Mini boom of 76 mm dia X 3 m Long, Total absorbing capacity- 7.5 Liters OR Boom of smaller length (2-3 meters) having absorbing capacity of 7.5 liters.	78	NO
30	<p>PETROLEUM PRODUCT CLEANUP CHEMICAL-GRANULAR PARTICLE</p> <p>Loose sorbent particulate should absorb oil spills on land or still water. The Petroleum Sorbent Particulate should absorb hydrocarbon-based liquids (oleophilic) and repel aqueous-based liquids (hydrophobic).Particulate in pack size of 5 kg each or smaller sizes.</p>	260	KG
40	Oil spill dispersant (water based) packed in a container. Packed in two HDPE jerry cans preferably smaller can of 5 litres each.	520	L
50	Backpack of 20 litre with hand held spray nozzle.	13	NO
60	<p>LEAK CONTROL KIT – PIPELINE:</p> <p>Consisting of one number each of leak arresting pad for leakage control of external pipes, internal pipes, large external pipes upto 8 inch Drums/ containers leakages, general purpose leakages, large hole leakage in storage tanks.</p>	13	SET
70	<p>SPILL CONTROL ABSORBENT PILLOW: Dimension : Length:- 580 mm $\pm 10\%$, Width- 340 mm $\pm 10\%$, Capacity : 12 L $\pm 10\%$,</p> <p>Petroleum sorbent pillow. Should be made of polypropylene, must be reusable, absorbs hydrocarbon oil only.</p>	65	NO

APPENDIX-I (REVISED)

Bidders are required to submit the summary of the prices in their commercial bids as per bid format (Summary), given below:

PRICED BID FORMAT (SUMMARY):

Item Srl No	Item Description	Qty	UOM	Unit Price	Total Price
10	Long boom of 127 mm dia X 3 m Long, Total absorbing capacity- 40 Liters OR Boom of higher dia (upto 203 mm) having length of 2-3 meters having absorbing capacity of 40 liters.	78	NO		
20	Mini boom of 76 mm dia X 3 m Long, Total absorbing capacity- 7.5 Liters OR Boom of smaller length (2-3 meters) having absorbing capacity of 7.5 liters.	78	NO		
30	PETROLEUM PRODUCT CLEANUP CHEMICAL-GRANULAR PARTICLE: Loose sorbent particulate should absorb oil spills on land or stillwater. The Petroleum Sorbent Particulate should absorb hydrocarbon-based liquids (oleophilic) and repel aqueous-based liquids (hydrophobic).Particulate in pack size of 5 kg each or smaller sizes.	260	KG		
40	Oil spill dispersant (water based) packed in a container. Packed in two HDPE jerry cans preferably smaller can of 5 litres each.	520	L		
50	Backpack of 20 litre with hand held spray nozzle.	13	NO		

60	LEAK CONTROL KIT – PIPELINE Consisting of one number each of leak arresting pad for leakage control of external pipes, internal pipes, large external pipes upto 8 inch. Drums/containers leakages, general purpose leakages, large hole leakage in storage tanks. (Leak control kit is as per sl no 4 of ANNEXURE VII of OISD std 117)	13	SET		
70	SPILL CONTROL ABSORBENT PILLOW: Dimension : Length:- 580 mm $\pm 10\%$, Width- 340 mm $\pm 10\%$, Capacity : 12 L $\pm 10\%$, Petroleum sorbent pillow should be made of polypropylene, must be reusable, absorbs hydrocarbon oil only.	65	NO		

- (A) Total material value of Item no 10,20 30 ,40.50,60,70 (Quote item price separately .)
- (B) Packing and Forwarding Charges
- (C) Total Ex-works value (A+B)
- (D) Excise Duty including Cess, (Please indicate applicable rate of Duty)
- (E) Total Ex-works value including Excise Duty & Cess (C+D)
- (F) Sales Tax, (Please indicate applicable rate of Tax)
- (G) Total FOR Despatching station value (E+F)
- (H) Transportation charges to Guwahati
- (I) Insurance Charges
- (J) Assam Entry tax
- (K) Total FOR Guwahati value (G+H+I+J)
- (L) Total value in words :
- (M) Gross Weight :
- (N) Gross Volume :
- (O) Payment Terms:

Note: Packing & forwarding Charges, Excise duty, Sales Tax if not shown separately will be considered as inclusive while evaluating the offers.

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