



**vkW y bM; k fyfeVM**

**ॠkkjr l jdkj dk m | ks½**

**OIL INDIA LIMITED**  
(A Govt. of India Enterprises)

**BIDDING DOCUMENT NO. 6675/T-101/05-06/VKG/01**

**FOR**

**DESIGN, ENGINEERING, FABRICATION, SUPPLY,  
ERECTION, TESTING AND COMMISSIONING OF MOUNDED  
LPG STORAGE BULLETS AT DULIAJAN**

**PART-II: PRICE PART**

**Prepared & Issued by:**

**इंजीनियर्स  
इंडिया लिमिटेड**  **ENGINEERS  
INDIA LIMITED**  
(भारत सरकार का उपक्रम) (A Govt. of India Undertaking)

Regd. Office : Engineers India Bhawan, 1, Bhikaiji Cama Place, New Delhi - 110066

Sl. No.....

### **PREAMBLE TO SCHEDULE OF RATES**

- 1.0 The Schedule of Rate shall be read with all other sections of this Bidding Document.
- 2.0 The Bidder is deemed to have studied the drawings, specifications and details of works to be done within the Time Schedule and should have acquainted himself of the conditions prevailing at site.
- 3.0 The lumpsum price shall be inclusive of all costs to complete the works in all respects as per specifications/drawings/terms & conditions of the bidding document including all taxes, duties, levies etc.
- 4.0 The total sum of price break-up given in schedule of break up of lumpsum price should match with as quoted lumpsum price in Schedule of Rates (S.O.R.). In the event of discrepancies between these two, lumpsum price in schedule of rates shall be considered final and break-up prices deemed to be adjusted accordingly.
- 5.0 The lumpsum price of the bidders against other balance items/work shall be deemed to include the cost of any and all activities as are required for the completion of all the works as per scope of works and other stipulations of bidding documents, even when the prices indicated against item titled as other balance items is NIL.

---

STAMP & SIGNATURE OF BIDDER

**SCHEDULE OF LUMP-SUM PRICES**

**FORM-A**

**NAME OF WORK :**        **RESIDUAL DESIGN, DETAILED ENGINEERING, PROCUREMENT, FABRICATION, CONSTRUCTION, ERECTION AND COMMISSIONING OF MOUNDED STORAGE VESSELS FOR M/S. OIL AT DULIAJAN.**

**TENDER NO. :**        6675/T-101/05-06/VKG/01

SL. NO.	DESCRIPTION OF ITEMS	UNIT	LUMPSUM PRICES ( IN RUPEES)	
			IN FIGURES	IN WORDS
1.0	Residual design, detailed engineering, preparation of all fabrication drawings/schemes, review/approval of document from appropriate authorities, procurement, supply, receipt, storage, conservation, preservation and handling of material at site of all metallic and non-metallic materials and consumables required for work, transportation of materials, fabrication/construction/erection, & dismantling work, assembly, PWHT, inspection, testing, coating/painting, cathodic protection, withdrawing of owner supplied materials as per scope of supplies mentioned elsewhere in bidding document from owners stores including handling and shifting to site etc. including necessary civil work such as sand bed, mound, hard stand, soil strengthening, tunnel/ trenches, foundation, construction of barricading etc., all piping, electrical and instrumentation works within battery limit, transfer pumps, fire protection system ,mercaptan dosing piping and instrumentation, insulation, fire proofing, painting etc., Supply of instruments/gauges etc. for testing, providing all temporary works and equipments for completion, precommissioning/commissioning and mandatory and commissioning spares, supply of lubricants/chemicals as required, supply of special tools and tackles, final hook-up with owner facilities, completing all the work in all respects on turn-key basis within the battery limits as defined in the P&IDs, layout drawing, engineering drawings, EIL specification / standards etc. and detailed scope of work and supply defined in different sections of bidding documents and its attachments, precommissioning, commissioning, obtaining applicable statutory approvals, supply of consumables, hardwares etc. deploying suitable staff, labour, all tools and tackles etc. and system performance guarantee of mounded storage vessels and associated systems to the entire satisfaction of inspecting authority and engineer-in-charge.			
1.1	Lumpsum price towards residual design & detailed engineering	L.S.		

SL. NO.	DESCRIPTION OF ITEMS	UNIT	LUMPSUM PRICES ( IN RUPEES)	
			IN FIGURES	IN WORDS
1.2	Lumpsum price towards procurement & supply of all items/materials	L.S.		
1.3	Lumpsum price towards construction/installation, commissioning etc. and completion of work in all respects	L.S.		
1.4	Lumpsum price towards dismantling works	LS		
1.5	Lumpsum price towards office accommodation for Consultant	LS		
	<b>Total Lumpsum price (1.1 + 1.2 + 1.3+1.4+ 1.5)</b>	L.S.		

(STAMP AND SIGNATURE OF BIDDER)

**SCHEDULE OF BREAK - UP OF LUMP -SUM PRICES**

**NAME OF WORK** : **RESIDUAL DESIGN, DETAILED ENGINEERING, PROCUREMENT, FABRICATION, CONSTRUCTION, ERECTION AND COMMISSIONING OF MOUNDED STORAGE VESSELS FOR M/S. OIL AT DULIAJAN**

**TENDER NO.** : **6675/T-101/05-06/VKG/01**

**BREAK-UP OF LUMPSUM PRICES**

SL. NO.	DESCRIPTION OF ITEMS	UNIT	LUMPSUM PRICES (Rs.)	
			IN FIGURES	IN WORDS
1.1	<b>RESIDUAL DESIGN AND DETAIL ENGINEERING.</b> Residual design, detailed engg.,preparation of fabrication/construction drawings, schemes of erection/ construction/PWHT/Hydrotesting, drawings/ layouts/ GADs/isometrics etc.and all other documents,submission of design/drawings/ documents etc.for review/approval from appropriate authorities,supply of all documents/manuals at all stages as per requirements detailed out in various sections of bid document for the following:			
1.1.1	Mounded storage vessels (3 Nos.)	L.S.		
1.1.2	Civil/structural work	L.S.		
1.1.3	Transfer pumps	L.S.		
1.1.4	Piping work	L.S.		
1.1.5	Electrical work	L.S.		
1.1.6	Instrumentation work	L.S.		
1.1.7	Fire protection system	L.S.		

SL. NO.	DESCRIPTION OF ITEMS	UNIT	LUMPSUM PRICES (Rs.)	
			IN FIGURES	IN WORDS
1.1.8	Cathodic protection system	LS		
1.1.9	Mercaptan dosing piping and instrumentation	LS		
1.1.10	Other balance items	LS		
	<b>Sub Total of item 1.1 (i.e. 1.1.1 to 1.1.10)</b>	LS		
1.2	<p><b>PROCUREMENT AND SUPPLY:</b></p> <p>Procurement and supply at appropriate stages of all metallic and non-metallic materials, equipments, consumables and all other items including commissioning spares ,ocean freight/air freight,customs clearance, stevedoring, insurance, inland transportation, receipt, accounting, storing and preservation of materials etc. all complete as per scope of supply/work detailed in various sections of bidding document, drawing, specifications, other documents and directions of engineer -in-charge for the following:</p>			
1.2.1	Mounded storage vessels(steel plates,nozzle forgings,pipes etc.) (3 nos. LPG vessels)	L.S.		
1.2.2	Civil/structural work	L.S.		
1.2.3	Transfer pumps	L.S.		
1.2.4	Piping work	L.S.		
1.2.5	Electrical work	L.S.		
1.2.6	Instrumentation work	L.S.		
1.2.7	Fire protection system	L.S.		

SL. NO.	DESCRIPTION OF ITEMS	UNIT	LUMPSUM PRICES (Rs.)	
			IN FIGURES	IN WORDS
1.2.8	Cathodic protection system	L.S.		
1.2.9	Mercaptan dosing piping and instrumentation	L.S.		
1.2.10	Insulation & Painting	LS		
1.2.11	Commissioning spares, precommissioning / mandatory spares	L.S		
1.2.12	Other balance items	L.S		
	<b>Sub Total of 1.2 (1.2.1 to 1.2.12)</b>	L.S		
1.3	<p><b><u>CONSTRUCTION/INSTALLATION/COMMISSIONING PORTION</u></b></p> <p>Construction, Fabrication, Installation, PWHT, Inspection, testing, final hook-up, pre-commissioning, commissioning and system performance guarantee including any balance field engineering, supply of all labour, materials (excluding those covered in supply portion), spares (pre-commissioning / commissioning), providing all machineries, equipment, tools, tackles, aids for construction/erection, all complete in accordance with approved drawings, specifications, data sheets, specific requirements, scope of work/supply and other provisions of bidding document and direction of Engineer-in-charge for the following.</p>			
1.3.1	Mounded storage vessels 3 nos. LPG vessels	L.S.		
1.3.2	Civil/structural work	L.S.		
1.3.3	Transfer pumps	L.S.		
1.3.4	Piping work	L.S.		
1.3.5	Electrical work	L.S.		
1.3.6	Instrumentation work	L.S.		
1.3.7	Fire protection system	L.S.		

SL. NO.	DESCRIPTION OF ITEMS	UNIT	LUMP SUM PRICES (Rs.)	
			IN FIGURES	IN WORDS
1.3.8	Cathodic protection system	L.S.		
1.3.9	Mercaptan dosing piping and instrumentation	L.S.		
1.3.10	Insulation/Painting work	L.S.		
1.3.11	Other balance item of work (Refer note 1 below)	L.S.		
	<b>Sub Total of Item 1.3 (1.3.1 to 1.3.11)</b>	L.S.		
1.4	<b>Dismantling Works</b> Providing all machinery, equipment, tools, tackles for executing all dismantling work in accordance with specifications, scope of work / supply & other provisions of the bidding document and direction of Engineer-in-charge.	L.S.		
1.5	<b>Office accommodation for Consultant</b> Contractor will construct a site office for Consultant and supply the furniture and other things as per scope of work and bid document.	L.S.		

Notes:

1. The quoted prices of the bidders against other balance items/work shall be deemed to include the cost of any and all activities as are required for the completion of all the works as per scope of works and other stipulations of bidding documents, even when the prices indicated against item titled as Aother balance items is "NIL".
2. It is to be noted that total sum of price break-up given in schedule of breakup of lumpsum price should match with as quoted lumpsum price in schedule of lumpsum price. In the event of discrepancies between these two, lumpsum price in schedule of lumpsum price will be considered final and break-up prices deemed to be adjusted accordingly.
3. Based on above break-up furnished ,the bidder shall submit a detailed break-up of prices for the purpose of progressive payment in the event of award of work for approval of Engineer-in-charge.

(STAMP & SIGNATURE OF BIDDER )