

TENDER DOCUMENT FOR



SUPPLY OF TRACKED BULLDOZER, HYDRAULIC TRACKED EXCAVATOR AND WHEELED TELEHANDLER

NATIONAL CENTRE FOR ANTARCTIC & OCEAN RESEARCH

(Ministry of Earth Sciences, Govt. Of India)

Headland Sada, Vasco-da-Gama

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NATIONAL CENTRE FOR ANTARCTIC & OCEAN RESEARCH
 (Ministry of Earth Sciences, Govt. Of India),
 HEADLAND SADA, VASCO-DA-GAMA,
 GOA - 403 804

TENDER NO. NCAOR/LHE-20087/PT-11
TENDER FOR SUPPLY OF TRACKED BULLDOZER, HYDRAULIC TRACKED EXCAVATOR
AND WHEELED TELEHANDLER.

1.	SUPPLY OF 1) <u>TRACKED BULLDOZER</u> 2) <u>HYDRAULIC TRACKED EXCAVATOR</u> 3) <u>WHEELED TELEHANDLER.</u> Specifications	01 no. 01 no. 01 no. As per Annexure-I
2.	General Terms and Conditions	As per Annexure VII
3.	Cost of Tender Documents (In Person)	US \$ 60.00 ₹ 2000.00
4.	Cost of Tender Documents (By Post)	US \$ 65.00 ₹ 2050.00
5.	EMD	<p>Tender documents can be downloaded by tenderers from NCAOR website. In case a tenderer is using the documents and forms downloaded from the website, the cost of tender documents shall be sent in the form of Bank Draft in a separate envelope along with the tender.</p> <p>A) Foreign Bidders shall submit EMD along with their tender, in the form of a bank guarantee only for a sum of US \$ 2250.00 (US\$ Two Thousand Two Hundred Fifty only)</p> <p>B) Indian Bidders shall submit EMD along with their tender, either by DD drawn in favor of NCAOR, for a sum of ₹ 1,00,000/- (Rupees One Lakh only) payable at Vasco-da-Gama only.</p> <p style="text-align: center;">Or</p> <p>In the form of a bank guarantee for a sum of ₹ 1,00,000/- (Rupees One Lakh only)</p>
6.	Last Date and time for issue of tender documents	WEDNESDAY 12.09.2012 1600Hrs (IST)
7.	Last Date and time for submission of sealed quotations	THURSDAY 13.09.2012 1700Hrs (IST)
8.	Date and time of tender opening	FRIDAY 14.09.2012 1000Hrs (IST)

TRACKED BULLDOZER WITH OPERATING WEIGHT BETWEEN 20 TO 22 TON**Engine**

1.1	Bore	112 mm
1.2	Displacement	8.8 L
1.3	Maximum Power at 1,800 rpm – Gross Power	169 kW
1.4	Maximum Power at 1,800 rpm – Net Power	158 kW
	Net Power –	145 kW
1.5	ISO 9249	
1.6	Rated Power at 2,000 rpm – Gross Power – ISO 14396	163 kW
1.7	Rated Power at 2,000 rpm – Net Power – ISO 9249	145 kW
1.8	Stroke	149 mm
	Weights	
1.9	Operating Weight	20080 kg
	Blades	
1.10	Blade Capacity	3.89 m ³ or more
1.11	Blade Width	~ 3360 mm
	Transmission	
1.12	Forward maximum	11.5 or higher km/h
1.13	Reverse maximum	14.6 or higher km/h
	Undercarriage	
1.14	Shoes/Side	41
1.15	Grouser Height	65 mm
1.16	Pitch	203 mm
1.17	Ground Clearance	383 or higher mm
1.18	Track on Ground	2871 mm
1.19	Ground Pressure	0.623 kg/cm ²
1.20	Ground Contact Area	3.22 m ²
1.21	Track Gauge	1880 mm
1.22	Width of Shoe	560 mm
	Refill Capacities	
1.23	Fuel Tank	424 L or higher
1.24	Cooling System	76.8 L
1.25	Engine Crankcase	28 L
1.26	Power Train	145.7 L
1.27	Final Drives (each)	13.6 L
1.28	Roller Frames (each)	24.6 L
1.29	Pivot Shaft Compartment	5 L
1.3	Hydraulic Tank	51.5 L
	Hydraulic Controls – Maximum Operating Pressure	
1.31	Bulldozer - Maximum Operating Pressure	19300 kPa
1.32	Bulldozer Tilt - Maximum Operating Pressure	19300 kPa
1.33	Tilt Cylinder - Maximum Operating Pressure	19300 kPa

1.34	Steering - Maximum Operating Pressure	40000 kPa
	Hydraulic Controls – Pump	
1.35	Pump Capacity at	6900 kPa or higher
1.36	RPM at Rated Engine Speed	2125 RPM
1.37	Pump Output	214 L/min or higher
1.38	Lift Cylinder Flow	190 L/min
1.39	Tilt Cylinder Flow	80 L/min
	Hydraulic Controls – Main Relief Valve	
1.40	Pressure Setting	42000 kPa
	Running Spares and support	
1.41	Running Spares for 1000 hrs	
1.42	Spares support guarantee for atleast 5 years	

HYDRAULIC TRACKED EXCAVATOR WITH OPERATING WEIGHT ~ 27 TONS

Engine			
2.1	Net Flywheel Power	152 kW	
2.2	Net Power – ISO 9249	152 kW	
2.3	Bore	110 mm	
2.4	Stroke	127 mm	
2.5	Displacement	7.2 L	
Weights			
2.6	Operating Weight	29240 kg	
2.7	Operating Weight - Std. Undercarriage	26900 kg	
Drive			
2.8	Maximum Drawbar Pull	249 kN	
2.9	Maximum Travel Speed	5.3 km/h	
Hydraulic System			
2.10	Main Implement System – Maximum Flow (2x)	235 L/min	
2.11	Max. Pressure – Equipment	35000 kPa	
2.12	Max. Pressure – Travel	35000 kPa	
2.13	Max. Pressure – Swing	27500 kPa	
2.14	Pilot System – Maximum Flow	32.4 L/min	
2.15	Pilot System – Maximum Pressure	3900 kPa	
Service Refill Capacities			
2.16	Fuel Tank Capacity	520 L or more	
2.17	Cooling System	30 L	
2.18	Engine Oil	30 L	
2.19	Swing Drive	10 L	
2.20	Final Drive (each)	6 L	
2.21	Hydraulic System (including tank)	310 L	
Swing Mechanism			
2.22	Swing Speed	10.2 RPM or more	
2.23	Swing Torque	82.2 kN·m or more	
	Track		
2.24	Undercarriage	800mm	
2.25	Number of Shoes Each Side	45 or more	
2.26	Number of Track Rollers Each Side	7 or more	
2.27	Number of Carrier Rollers Each Side	2	
Attachments			
2.28	Heavy Bucket	1.4 cu mts	With thumbs multiply the capacities of your excavator. This highly versatile tool works in conjunction with the bucket to transform an excavator into a versatile material-handling machine.
2.29	Hammers - Large Excavators	1	Hydraulic hammer which precisely match with the machine for optimum

			performance in a wide variety of demolition and construction applications.
2.30	Dedicated Coupler - Wedge Lock	1	Allowing the quick and ease of changing work tools at site
2.31	Maximum reach in mtr	10.6	
	The operator station is spacious, quiet and comfortable, should be fitted with a Liquid Crystal Display (LCD) graphic display. Indicators for critical conditions of Engine oil pressure low, Coolant temperature high, Hydraulic oil temperature high. The air conditioner and attachment switches are conveniently located on the right-hand wall, and the key switch and throttle dial are on the right-hand console. The monitor is easy to see and maximizes visibility.		
2.32			
	Running Spares and support		
2.33	Running Spares for 1000 hrs		
2.34	Spares support guarantee for atleast 5 years		

WHEELED TELEHANDLER WITH RATED CAPACITY 3.7 TONS AND LIFT HEIGHT OF 14 MTR

3.1	Engine	
3.2	Gross Power	74.5 kW
3.3	Maximum Torque	410 N.m
3.4	Bore	105 mm
3.5	Stroke	127 mm
3.6	Displacement	4.4 L
3.7	Operating Weight	9360 kg
3.8	Rated Load Capacity	3700 kg
3.9	Maximum Lift Height	14 mtr
3.1	Load at Max Height - Stabilizers Down	3700 kg
3.11	Load at Max Height - Stabilizers Up	2000 kg
3.12	Maximum Forward Reach	9225 mm
3.13	Load at Max Reach - Stabilizers Down	1150 kg
3.14	Load at Max Reach - Stabilizers Up	350 kg
3.15	Load at Max Height	3700 kg
3.16	Load at Max Reach	1150 kg
3.17	Load at Maximum Height	3700 kg
3.18	Load at Maximum Reach	1150 kg
3.19	Height	2592 mm
3.20	Width	2430 mm
3.21	Wheelbase	3200 mm
3.22	Length to Fork Face	6325 mm
3.23	Ground Clearance	458 mm
3.24	Turning Radius over Tires	3805 mm
3.25	Turning Radius over Forks	5640 mm
3.26	Length to Front of Tire	5091 mm
3.27	Rear Overhang	1225 mm
3.28	Height to Top of Hood	1979 mm
	Tires	
3.29	Tires Standard	15.5/80 – 24 16PR
3.30	Optional Construction	400/80-24 Power CL/440/80-24 Power CL/15.5 x 25 – SGL/15.5 x x 25 SGL – 2A
	Hydraulic System	
3.31	Maximum System Pressure	250 bar
3.32	Maximum Pump Flow	113 L/min
	Pump Type	variable displacement load sensing pump
3.33	Auxiliary hydraulic supply – Intermittent	80 L/min
3.34	Auxiliary hydraulic supply – Continuous	60 L/min
	Service Refill Capacities	
3.35	Fuel Tank	150 L
3.36	Hydraulic Tank	90 L

	Transmission	
3.37	Forward - maximum	32 km/h or more
3.38	Reverse - maximum	21 km/h or more
	Hydrostatic Transmission	
3.39	Boom Performance	
3.40	Boom Up	13 Seconds
3.41	Boom Down	8 Seconds
3.42	Tele In	11 Seconds
3.43	Tele Out	11 Seconds
3.44	Crowd Forward (dump)	3 Seconds
3.45	Crowd Backward	3 Seconds
3.46	Combined - Up and Out	23 Seconds
3.47	Combined - Down and In	13.4 Seconds
3.48	Boom Breakout Force	45 kN
3.49	Bucket Breakout Force	65 kN
3.50	Drawbar Pull (Basic)	88 kN
3.51	Drawbar Pull (Premium)	88 kN
	Running Spares and support	
3.52	Running Spares for 1000 hrs	
3.53	Spares support guarantee for atleast 5 years	

TECHNICAL COMPLIANCE STATEMENT FOR TRACKED BULLDOZER

SR. NO.	SPECIFICATIONS FOR SUPPLY OF TRACKED BULLDOZER	COMPLIED/ NOT COMPLIED	EXTRA FEATURES
1.1	Bore	112 mm	
1.2	Displacement	8.8 L	
1.3	Maximum Power at 1,800 rpm – Gross Power	169 kW	
1.4	Maximum Power at 1,800 rpm – Net Power	158 kW	
	Net Power –	145 kW	
1.5	ISO 9249		
1.6	Rated Power at 2,000 rpm – Gross Power – ISO 14396	163 kW	
1.7	Rated Power at 2,000 rpm – Net Power – ISO 9249	145 kW	
1.8	Stroke	149 mm	
	Weights		
1.9	Operating Weight	20080 kg	
	Blades		
1.10	Blade Capacity	3.89 m ³ or more	
1.11	Blade Width	~ 3360 mm	
	Transmission		
1.12	Forward maximum	11.5 or higher km/h	
1.13	Reverse maximum	14.6 or higher km/h	
	Undercarriage		
1.14	Shoes/Side	41	
1.15	Grouser Height	65 mm	
1.16	Pitch	203 mm	
1.17	Ground Clearance	383 or higher mm	
1.18	Track on Ground	2871 mm	
1.19	Ground Pressure	0.623 kg/cm ²	
1.20	Ground Contact Area	3.22 m ²	
1.21	Track Gauge	1880	

		mm		
1.22	Width of Shoe	560 mm		
	Refill Capacities			
1.23	Fuel Tank	424 L or higher		
1.24	Cooling System	76.8 L		
1.25	Engine Crankcase	28 L		
1.26	Power Train	145.7 L		
1.27	Final Drives (each)	13.6 L		
1.28	Roller Frames (each)	24.6 L		
1.29	Pivot Shaft Compartment	5 L		
1.3	Hydraulic Tank	51.5 L		
	Hydraulic Controls – Maximum Operating Pressure			
1.31	Bulldozer - Maximum Operating Pressure	19300 kPa		
1.32	Bulldozer Tilt - Maximum Operating Pressure	19300 kPa		
1.33	Tilt Cylinder - Maximum Operating Pressure	19300 kPa		
1.34	Steering - Maximum Operating Pressure	40000 kPa		
	Hydraulic Controls – Pump			
1.35	Pump Capacity at	6900 kPa or higher		
1.36	RPM at Rated Engine Speed	2125 RPM		
1.37	Pump Output	214 L/min or higher		
1.38	Lift Cylinder Flow	190 L/min		
1.39	Tilt Cylinder Flow	80 L/min		
	Hydraulic Controls – Main Relief Valve			
1.40	Pressure Setting	42000 kPa		
	Running Spares and support			
1.41	Running Spares for 1000 hrs			
1.42	Spares support guarantee for atleast 5 years			

TECHNICAL COMPLIANCE STATEMENT FOR HYDRAULIC TRACKED EXCAVATOR

SR. NO.	SPECIFICATIONS FOR SUPPLY OF HYDRAULIC TRACKED EXCAVATOR	COMPLIED/ NOT COMPLIED	EXTRA FEATURES
	Engine		
2.1	Net Flywheel Power	152 kW	
2.2	Net Power – ISO 9249	152 kW	
2.3	Bore	110 mm	
2.4	Stroke	127 mm	
2.5	Displacement	7.2 L	
	Weights		
2.6	Operating Weight	29240 kg	
2.7	Operating Weight - Std. Undercarriage	26900 kg	
	Drive		
2.8	Maximum Drawbar Pull	249 kN	
2.9	Maximum Travel Speed	5.3 km/h	
	Hydraulic System		
2.10	Main Implement System – Maximum Flow (2x)	235 L/min	
2.11	Max. Pressure – Equipment	35000 kPa	
2.12	Max. Pressure – Travel	35000 kPa	
2.13	Max. Pressure – Swing	27500 kPa	
2.14	Pilot System – Maximum Flow	32.4 L/min	
2.15	Pilot System – Maximum Pressure	3900 kPa	
	Service Refill Capacities		
2.16	Fuel Tank Capacity	520 L or more	
2.17	Cooling System	30 L	
2.18	Engine Oil	30 L	
2.19	Swing Drive	10 L	
2.20	Final Drive (each)	6 L	
2.21	Hydraulic System (including tank)	310 L	
	Swing Mechanism		
2.22	Swing Speed	10.2 RPM or more	
2.23	Swing Torque	82.2 kN·m or more	
	Track		
2.24	Undercarriage	800mm	
2.25	Number of Shoes Each Side	45 or more	
2.26	Number of Track Rollers Each Side	7 or more	
2.27	Number of Carrier Rollers Each Side	2	
	Attachments		
2.28	Heavy Bucket	1.4 cu mts	With thumbs multiply the capacities of your excavator. This

			highly versatile tool works in conjunction with the bucket to transform an excavator into a versatile material-handling machine.		
2.29	Hammers - Large Excavators	1	Hydraulic hammer which precisely match with the machine for optimum performance in a wide variety of demolition and construction applications.		
2.30	Dedicated Coupler - Wedge Lock	1	Allowing the quick and ease of changing work tools at site		
2.31	Maximum reach in mtr	10.6			
	The operator station is spacious, quiet and comfortable, should be fitted with a Liquid Crystal Display (LCD) graphic display. Indicators for critical conditions of Engine oil pressure low, Coolant temperature high, Hydraulic oil temperature high. The air conditioner and attachment switches are conveniently located on the right-hand wall, and the key switch and throttle dial are on the right-hand console. The monitor is easy to see and maximizes visibility.				
2.32					
	Running Spares and support				
2.33	Running Spares for 1000 hrs				
2.34	Spares support guarantee for atleast 5 years				

Annexure-VI

TECHNICAL COMPLIANCE STATEMENT FOR WHEELED TELEHANDLER

SR. NO.	SPECIFICATIONS FOR SUPPLY OF WHEELED TELEHANDLER	COMPLIED/ NOT COMPLIED	EXTRA FEATURES
3.1	Engine		
3.2	Gross Power	74.5 kW	
3.3	Maximum Torque	410 N.m	
3.4	Bore	105 mm	
3.5	Stroke	127 mm	
3.6	Displacement	4.4 L	
3.7	Operating Weight	9360 kg	
3.8	Rated Load Capacity	3700 kg	
3.9	Maximum Lift Height	14 mtr	
3.1	Load at Max Height - Stabilizers Down	3700 kg	
3.11	Load at Max Height - Stabilizers Up	2000 kg	
3.12	Maximum Forward Reach	9225 mm	
3.13	Load at Max Reach - Stabilizers Down	1150 kg	
3.14	Load at Max Reach - Stabilizers Up	350 kg	
3.15	Load at Max Height	3700 kg	
3.16	Load at Max Reach	1150 kg	
3.17	Load at Maximum Height	3700 kg	
3.18	Load at Maximum Reach	1150 kg	
3.19	Height	2592 mm	
3.20	Width	2430 mm	
3.21	Wheelbase	3200 mm	
3.22	Length to Fork Face	6325 mm	
3.23	Ground Clearance	458 mm	
3.24	Turning Radius over Tires	3805 mm	
3.25	Turning Radius over Forks	5640 mm	
3.26	Length to Front of Tire	5091 mm	
3.27	Rear Overhang	1225 mm	
3.28	Height to Top of Hood	1979 mm	
	Tires		
3.29	Tires Standard	15.5/80 – 24 16PR	
3.30	Optional Construction	400/80-24 Power CL/440/80- 24 Power CL/15.5 x 25 – SGL/15.5 x x 25 SGL – 2A	
	Hydraulic System		
3.31	Maximum System Pressure	250 bar	
3.32	Maximum Pump Flow	113 L/min	
	Pump Type	variable displacement load sensing pump	
3.33	Auxiliary hydraulic supply – Intermittent	80 L/min	

3.34	Auxiliary hydraulic supply – Continuous	60 L/min		
	Service Refill Capacities			
3.35	Fuel Tank	150 L		
3.36	Hydraulic Tank	90 L		
	Transmission			
3.37	Forward - maximum	32 km/h or more		
3.38	Reverse - maximum	21 km/h or more		
	Hydrostatic Transmission			
3.39	Boom Performance			
3.40	Boom Up	13 Seconds		
3.41	Boom Down	8 Seconds		
3.42	Tele In	11 Seconds		
3.43	Tele Out	11 Seconds		
3.44	Crowd Forward (dump)	3 Seconds		
3.45	Crowd Backward	3 Seconds		
3.46	Combined - Up and Out	23 Seconds		
3.47	Combined - Down and In	13.4 Seconds		
3.48	Boom Breakout Force	45 kN		
3.49	Bucket Breakout Force	65 kN		
3.50	Drawbar Pull (Basic)	88 kN		
3.51	Drawbar Pull (Premium)	88 kN		
	Running Spares and support			
3.52	Running Spares for 1000 hrs			
3.53	Spares support guarantee for atleast 5 years			

ANNEXURE - VII**TERMS AND CONDITIONS FOR SUBMISSION OF QUOTATION**

1) The National Centre for Antarctic and Ocean Research (NCAOR) invites sealed quotations in two-parts from the reputed firms for the **“SUPPLY OF TRACKED BULLDOZER, HYDRAULIC**

TRACKED EXCAVATOR AND WHEELED TELEHANDLER” as per the specifications given in Annexure-I, II & III for Bharati station, Larsemann Hills region, Antarctica. These equipments shall be used in Antarctic temperatures to carryout repair and maintenance, Digging of snow/breaking of rock and also moving the boulders and rocks for creation of an approach road.

2) The technical and financial bids should be submitted in two separate sealed covers, super scribing “Part –I Technical Bid for **“SUPPLY OF TRACKED BULLDOZER, HYDRAULIC TRACKED EXCAVATOR AND WHEELED TELEHANDLER,”**, Tender No., due date and “Part-II Financial bid for **“SUPPLY OF TRACKED BULLDOZER, HYDRAULIC TRACKED EXCAVATOR AND WHEELED TELEHANDLER,”**, Tender No., due date. Both the bids should be kept in a single cover by super scribing tender for **“SUPPLY OF TRACKED BULLDOZER, HYDRAULIC TRACKED EXCAVATOR AND WHEELED TELEHANDLER,”**, sealed and addressed to the **Director, National Centre for Antarctic & Ocean Research, Headland-Sada, Vasco-da-Gama, Goa – 403 804.** Offer sent through fax will not be accepted.

3) Overwriting and corrections should be attested properly. The bid should be complete in all respects and should be duly signed. **Incomplete and unsigned bids will not be considered at all.**

4) All relevant technical literature pertain to items quoted **with full specifications** (Drawing, if any), information about the products quoted, including brochures if any should accompany the quotation.

5) A list of **reputed clients** to whom the firm has supplied similar items to be furnished along-with the quotation.

In the TECHNICAL BID, the Bidder should furnish the Name and address of the Purchasers placed orders on similar equipment with order No, date, Description and quantity, Date of Supply alongwith Contact person Telephone No, Fax No, and e mail address of Purchaser.

The Bidder should enclose copies of Purchase Orders only in the FINANCIAL BID.

6) Quotation should be **valid for a period of 90 days** from the date of tender opening and the period of delivery required should also be clearly indicated.

The offer should have detailed break-up of delivery schedule as follows:

- Time required for manufacturing.
- Time required for Transit to destination to Goa, India/Capetown, South Africa.

If the supplier fails to deliver the goods within the time to be agreed upon, for delayed deliveries and for delays in installation (wherever applicable). NCAOR reserves the right to **levy liquidated damages** at the rate of 0.5% per week or part thereof up to maximum of 5%.

7) The **warranty period** and the kind of **post-warranty support** should be indicated.

8) **Technical bid should contain EMD.**

A) Foreign Bidders shall submit **EMD** along with their tender **in the form of a bank guarantee** for a sum of US\$ 2250.00 (US\$ Two Thousand Two Hundred Fifty only) from any reputed bank (scheduled bank in India or foreign bank having operational Branch in India) initially valid for 180 days from the date of closing of the tender as per the proforma enclosed. This bank Guarantee in original shall be submitted along with the technical bid only.

B) Indian Bidders shall submit **EMD** along with their tender, **either By DD** drawn in favor of NCAOR, on any nationalized bank for a sum of ₹ 1,00,000/- (Rupees One Lakh only) payable at Vasco-da-Gama only **or in the form of a bank guarantee** for a sum of ₹ 1,00,000/- (Rupees One Lakh only) from any reputed bank (scheduled bank) initially valid for 180 days from the date of closing of the tender as per the proforma enclosed. This bank Guarantee in original shall be submitted along with the technical bid only.

Tender without EMD in the envelope containing technical bid shall be summarily rejected. The EMD of unsuccessful bidders shall be returned within 30 days of the award of contract.

The earnest money will be liable to be forfeited, if the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of his tender.

9) Please **specify the Make/Brand** and Name of the Manufacturer with address, country of origin and currency in which rates are quoted.

10) The Purchaser requires that the bidders suppliers and contractors observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the following are defined:

“Corrupt practice” means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution:

“fraudulent practice” means a misrepresentation or omission of facts in order to influence a procurement process or the execution of contract;

“collusive practice” means a scheme or arrangement between two or more bidders, with or without the knowledge of purchaser, designed to establish bid prices at artificial, noncompetitive levels; and

“coercive practice: means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of contract;

The purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the contract in question; The Decision of Director, NCAOR shall be final and binding.

11) Bidders that doesn't manufacture the goods it offers to supply shall submit Manufacturer's Authorization form on the letterhead of the Manufacturer duly signed and stamped by a person with the proper authority to sign documents that are binding on the Manufacturer as per the following format should be submitted failing which the quotation will not be considered.

To
The Director
NCAOR
GOA

Sub: Manufacturers' Authorization form against Tender No: _____

We _____(Name of the Manufacturer) who are official manufacturers of _____(Type of goods manufactured) having factories at _____(full address of Manufacturer's factories) do hereby authorize _____(Name of the Bidder) to submit a bid against your Tender No. _____for the _____Goods manufactured by us and to subsequently negotiate and sign the contract.

We hereby extend our full guarantee and warranty with respect to the Goods offered by the above firm

Manufacturer's Name:
Signature of Authorized

representative of the Manufacturer:

Duly authorized to sign this Authorization on behalf of : _____(Name of the Bidder)

Date:

In case the bidder not doing business within India, shall furnish the certificate to the effect that the bidder is or will be represented by an agent in India equipped and able to carry out the supply, maintenance, repair obligations etc., during the warranty and post warranty period or ensure a mechanism at place for carrying out the supply, maintenance, repair obligations etc., during the warranty and post- warranty period.

12) **The order acknowledgement** should be from the principals and if the Indian Agent is empowered to quote and to furnish order acknowledgement, a copy of agreement entered by you with the Indian Agent to be furnished.

13) **Compliance Statement:** Equipments point-by-point comparison/compliance statement with **technical specification** indicated in the tender, should be enclosed along with your tender as well as any other extra features of the equipment be shown separately therein and also **compliance statement for all commercial terms** of the tender document.

14) NCAOR is not entitled to issue form “**C/D**”. No Sales Tax or any other Tax shall be payable by us unless payment of the same is specifically mentioned by the suppliers in their bids and same is legally leviable.

15) To avail duty concessions i.e. **Excise Duty** as per Govt. notification 10/97 & **Custom Duty** as per Govt. notification 51/96, NCAOR will provide exemption certificates. Hence, the rates should be split into basic cost and Excise Duty if any.

16) **Technical Bid should contain** all details and specifications of the equipment offered, delivery schedule, warranty, payment term, training, post-warranty, user-list, Purchase Order details service support **WITHOUT PRICE** and **Financial bid should contain** details of the price(s) of the item(s) quoted in the technical bid alongwith Purchase Order copies WITH PRICE. **The Technical bid should not contain any references to the pricing.**

In case the technical bid contains any direct or indirect reference to quoted price the bid is liable to be rejected.

The Prices shall be quoted in Indian Rupees for offers received for supply within India and in freely convertible foreign currency in case of offers received for supply from foreign countries.

For Goods manufactured in India:

F.O.R GOA price should be indicated. However tender should contain item-wise prices including total ex-works price, Excise Duty, VAT/Taxes, Charges for Inland Transportation, Insurance and other local services required for the delivering the goods on F.O.R GOA.

17) For goods manufactured abroad both **FOB and CIF prices upto Cape Town, South Africa** should be indicated. However tender should contain **item-wise prices including total ex-works price**, cost of packing forwarding, Insurance, cost of freight charges for delivery up to Cape Town, South Africa.

18) A Committee constituted by the Director, NCAOR for the purpose reserves the right to open the bids. Only technical bids will be opened on the date and time mentioned in the tender document. The financial bids of those tenderers whose technical bids are found to be meeting our specifications only will be opened in their presence at date and time to be notified later.

19) A technical Committee constituted by the Director will assess the product supplied/installed for their quality and their conformity to the specifications provided by the firm in their quotations. Any item(s) identified by the Committee to be not as per the specifications or are found to be of inferior quality will be rejected, and the bills towards the supply will not be processed for payment till proper replacements are provided.

20) **No advance payment** will be made. Payment for Indigenous Stores shall be made within 30 days from the date of receipt and acceptance of material and in case of Imported Stores by **irrevocable letter of credit** after supply and acceptance of the equipment by NCAOR. The payment will be authorized after submission of a Bank Guarantee for 10% value of the order towards warranty guarantee. The **performance Bank Guarantee** should be furnished within 15 days from the date of placement of order from a reputed bank (scheduled bank in India **or** foreign bank operating in India) valid till 60 days after the warranty period.

21) Suppliers should clearly define the mechanisms of **post-warranty** maintenance or support. Supplier should undertake to support the product for a minimum period of 5 years (post-warranty).

22) If the quoted item needs to be imported then the undertaking needs to be produced from the original supplier stating that Post Warranty support for a minimum period of 5 years will be provided from the original supplier to NCAOR on LC Terms of payment. If payment needs to

be made and **spares will be supplied on the lowest rate quoted** than to any other customer with providing the sales price list to the NCAOR periodically as and when increase/decrease in prices.

23) Two sets of operational, service/troubleshooting manuals and diagrams to be supplied with **“SUPPLY OF TRACKED BULLDOZER, HYDRAULIC TRACKED EXCAVATOR AND WHEELED TELEHANDLER”**.

24) **The submission of tender** shall be deemed to be an admission on the part of the tenderer, had fully acquainted with the specifications, drawings etc. and no claim other than what stated in the tender shall be paid in the event of award of Purchase Order.

25) **Acceptance of this tender** form and submission of the quote within the stipulated time would be treated as:

a) The tenderer has understood all requirements as described in our Tender document.

b) Acceptance to provide/establish all the facilities mentioned in our tender without any price escalation, if the tenderer finds it necessary to add any hardware or software or any other materials during implementation.

c) Agreeing to execute order to the satisfaction of NCAOR or its authorized representatives within the stipulated time.

26) NCAOR will not be liable for any obligation until such time NCAOR has communicated to the successful bidder of its decision to release the Purchase Order.

27) **NCAOR will not be responsible for any postal delays.**

28) Bidders shall note that NCAOR will not entertain any correspondence or queries on the status of the offers received against this Tender Invitation.

29) Tenders from Manufacturers/Suppliers/Tenderers whose performance was not satisfactory in respect of quality of supplies and delivery schedules in any organizations, are liable for rejection. The tenders that do not comply with the above criteria and other terms & conditions are liable for rejection.

30) The Director, NCAOR does not bind to accept the lowest quotation and reserves the right to himself, to reject or partly accept any or all the quotations received without assigning any reason.

31) All disputes arising in connection with executing the purchase order will be subject to the Jurisdiction of the Courts in Goa only.

QUESTIONNAIRE

- a. Name of the Manufacturer /Tenderer**
- b. Full postal address with Telephone, Telefax, Email.**

- c. Please specify whether Public Limited, Company, Private Organization or Partnership Firm.
- d. Nature of the Business.
- e. Date of Establishment.
- f. Present Turnover.
- g. Permanent Income Tax Ref. No.
- h. C.S.T. / S.T. NO.
- i. Address & Telephone Nos. Of your branch office in GOA (please specify whether Distributing/Servicing/Marketing the products).
- j. Reference of reputed Customers.
- k. Details of the highest order executed and value thereof.
- l. Authorization from Manufacturer attached.
- m. Tender fee submitted/enclosed.
- n. E.M.D. attached with TECHNICAL BID.
- o. Technical Specifications/Literature/Brochure attached.
- p. Tender Acceptance.

TENDER ACCEPTANCE UNDERTAKING

To

The Director,
NCAOR, Headland Sada,
Vasco – Goa.

Having examined the tender document **for SUPPLY OF TRACKED BULLDOZER, HYDRAULIC TRACKED EXCAVATOR AND WHEELED TELEHANDLER for Bharati Station, Larsemann Hill Region, Antarctica** we the undersigned hereby offer to supply the equipment in conformity with all specifications and conditions set out in the tender document.

We enclosed all the relevant documents as per the tender.

We understand that you are not bound to accept the lowest or any tender received.

Date :

(Signature of Bidder)

Name :

Designation :

Seal

BANK GUARANTEE FORMAT FOR FURNISHING EMD

To

**NATIONAL CENTRE FOR ANTARCTIC & OCEAN RESEARCH
Headland Sada, Vasco-da-Gama, GOA 403 804, INDIA**

Whereas _____
 (Hereinafter called the "tenderer"
 has submitted their offer dated _____
 for the supply of _____
 (Herein after called the "tender"

WE _____ of having our registered office
 At _____ are bound unto the NATIONAL
 (Hereinafter called the Bank)

CENTRE FOR ANTARCTIC & OCEAN RESEARCH, Ministry of Earth Sciences, Govt. Of India having its office at Headland Sada, Vasco Goa 403 804, India (herein after called NCAOR which expression shall unless repugnant to the context or meaning thereof include all its successors, administrators, executors and assigns) in the sum of _____ for which payment will and truly to be made to. NCAOR, the Bank binds itself, its successors and assigns by these presents. Sealed with the common seal of the said Bank this _____ day of _____ 2012.

THE CONDITIONS OF THIS OBLIGATION ARE:

- 1) If the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- 2) If the tenderer having been notified of the acceptance of his tender by NCAOR during the period of its validity.
 - 2.a) If the tenderer fails to furnish the Performance security for the due performance of the contract.
 - 2.b) Fails or refuses to execute the contract

We undertake to pay NCAOR up to the above amount upon receipt of its first written demand, without NCAOR having to substantiate its demand, provided that in its demand the NCAOR will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions.

This guarantee is valid until the _____ day of _____ 2012.

Signature of the bank

NATIONAL CENTRE FOR ANTARCTIC & OCEAN RESEARCH
 (Ministry of Earth Sciences, Govt. Of India)
 Headland Sada, Vasco-da-Gama GOA 403 804, INDIA
 Tel: 91- (0) 832 2525571 Telefax: 91- (0) 832 2525573
 Email: warlu62@ncaor.org Website: www.ncaor.gov.in

GLOBAL TENDER

