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ISO 9001:2000

**HEAVY MACHINE BUILDING PLANT**  
**HEAVY ENGINEERING CORPORATION LIMITED**  
(A Govt. of India Enterprise)  
Ranchi – 834 004 (INDIA)

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*Materials Management Division*

**LIMITED TENDER**

PUR/HMBP/10/965336/MW-2607

Dated : 20.12.2010

Dear Sir,

We intend to enter into Rate Contract for supply of **Centralized Lubrication System** as below for a period of one year.

**ENQUIRY SCHEDULE**

Sl. No.	Description	Qty.Reqd.
1	<b>CENTRALIZED LUBRICIATION SYSTEM</b> with Pipe Fittings ( Annexure- "A" & Annexure – "B" enclosed)	10 Nos. (Increased/Decreased)

**Note** Please submit your quotation in two bid system i.e. **Price Bid & Techno-commercial Bid.**

Purchase / HMBP during working hours from **2.00PM to 4.00PM**

Schedule of Tender receipt by **17.01.2011 upto 1.00 PM**. Opening of Tender on **17.01.2011, at 3.00PM** TENDERS must be submitted in sealed cover with Tender No. and the Due date superscribed on it failing which Tenders may be ignored.

Offers to be submitted in two parts.

In case of Two part bids (as mentioned above, the technical and commercial aspects to be sealed in a separate envelope superscribing Part-1 on it., The Price bid to be superscribed as Part - 2)

Special condition if any :

**NOTE:**

1. The rate quoted shall be inclusive of all packing & forwarding. Freight charges to be mentioned separately.
2. The Price quoted by the tenderer should be exclusive of sales tax. The rate and nature of sales tax applicable should be shown separately. Sales tax will be paid to the seller at the rate at which it is liable to be assessed or has actually been assessed on the date of supply provided the transaction of sale is legally liable to sales tax and within the delivery period. Any change on the taxes & duty structure beyond the delivery period will not be considered by HEC.
3. The rates quoted must be firm and the offers made must remain open for acceptance for three months from the date of opening of the tender.
4. Quotations erased or over written are likely to be rejected unless all corrections are authenticated with the tenderer's signature.
5. Delivery date offered must be specified and guaranteed.
6. Full payment will be made after 30 days of the receipt of supplies at destination duly inspected.

7. Full particulars i.e. specification, literature and / or drawing wherever applicable should be submitted along with the quotation. The brand and 'Make' name must be Indicated.
8. The Corporation does not pledge itself to accept the lowest or any tender and reserves to itself the right of accepting the whole or any part of tender or portion of the quantity offered and you shall supply the same at the rate quoted.
9. Supplies will be subject to Inspection by our Inspection wing / or inspection agencies prescribed by us.
10. Order placed as a result of this tender will be subject to the Corporation's General Terms and Conditions of contract which can be down loaded from our website (www.hecltd.com)
11. Corporation reserves the right to call for and examine at any time the books of accounts and other documents and papers of the firm for the purpose of ascertaining whether any excess payments has been made or the firm likely to be received / received undue benefit out of execution of the particular contract.
12. Earnest Money (if indicated above specifically) - Earnest money to the extent of 2% of the total value will have to be deposited by demand draft on the State Bank of India, Ranchi Hatia Branch, in favour of Heavy Engineering Corporation Ltd. Ranchi.- 4
13. Security Deposits -successful tenderers will have to deposit security equal to 5 percent of the value of the contract within the desired period. Failing this, the contract will be cancelled at the risk and expenses of the suppliers.
14. Delivery: The time for and the date of delivery of the Stores stipulated in the acceptance of tender shall be deemed to be the essence of the contract and delivery must be completed not later than the dates specified therein.  
Otherwise:
  - a) The purchaser to recover from the contractor a sum of 0.5 % per week (completed week) of the price of the stores(upto maximum 10 %) as liquidated damages, which the contractor has failed to deliver as aforesaid or
  - b) The purchaser may procure the undelivered stores / similar items from elsewhere, without notice to the contractor at the risk of the contractor without canceling the contract in respect of the consignment not yet due for delivery or,
  - c) to cancel the contract or a portion thereof.
15. Income Tax Clearance Certificate - All tenderers shall submit along with their tender an Income Tax Clearance Certificate duly countersigned by the Income Tax Officer of the circle concerned under the seal of the office. Copy of Permanent Account No. (PAN) (of Income Tax) to be enclosed with the bid.
16. There is no obligation on our part to accept delayed / late tenders. Tenders received after the due date of opening are liable to be summarily rejected.
17. The rates quoted shall also be inclusive of embossing on the material. The Ownership namely HMBP / FFP / HMTP should be at a predominant place of the material to a size / thickness upon the volume of the material.

**Special .Note:**

While submitting tender pl. mentioned your Registration No. with HEC as a registered vendor with valid paper.  
If not pl. get registered your firm with HEC Limited immediately.

Signature of Purchase Executive

# HEAVY ENGINEERING CORPORATION LIMITED

(A Government of India Enterprise)  
HEAVY MACHINE BUILDING PLANT  
MATERIALS MANAGEMENT DIVISION  
P.O.DHURWA, RANCHI – 834004

Phone 0651-2400921/2401349,  
Fax – 0651-2401166  
E-mail : [purhmbp@hecltd.com](mailto:purhmbp@hecltd.com),

Ref.HMBP/PUR/

Date:

## Terms & Conditions:

Sl. No.		HMBP/HEC Requirement	Bidders confirmation
1.	Price Terms (F.O.R. HMBP) Ex-Works /FOB	FOR HMBP Stores	
2.	Packing & Fwd.Charges	Free of Cost	
3a.	Central Excise Duty/Educ.CESS / S.Higher Educ.	To be quoted separately	
3b.	MODVAT Document to be provided	Document to be provided for availing MODVAT benefit	
4a.	Central Sales Tax	Separately	
4b.	Jharkhand VAT	Separately	
5.	Payment Terms	Within 60 days after receipt of material at HMBP Stores	
6.	Validity of offer	3 months.	
7.	Price variation clause	Not applicable	
8.	Delivery Schedule	Within 3 months from the GA Drawing approval	
9.	CENVAT document to be provided	a) Document to be provided. b) CENVAT included in quoted rate (in % of quoted rate)	
10.	Inspection	By QCA/HMBP at your works.	
11.	Insurance charges if any	To be quoted separately	
12.	Freight charges if any	To be quoted separately	
13.	Test Certificate and Guarantee Certificate	To be provided by manufacturer	
14.	PBG	10% of contract value to be provided before release of payment	
15.	EMD	2% of quoted rate alongwith quotation in separate sealed cover.	
16.	G.A.Drawing	To be approved after receipt of order and before start of manufacturing.	
17.	Guarantee / Warranty	12 months from the date of commissioning	

## Note :

Attached terms & conditions format must be filled in by bidders and enclosed alongwith Technical Bid (Part – I)

Centralized Lubrication System of 5 CuM Excav. for complete machine including Boom & Crown Mechanism.

Sl. No.	Description	Qty.
1.	Dual Line Centralized Lub System with Electric Control Panel as per enclosed drg. No. 4301.69.705(Rev A) & TI enclosed and also consisting of :  Air operated Heavy Duty Barrel Pump 50:1, capacity : 950 cc/min for drum size : 180 Kg. Air Pr. : 3 – 10 Kg./sqcm, output pressure 500 Kg./sqcm with drum cover and follower plate with provision of grease filling pipe grease supply & return port 3/8" BSP (female), Air supply port 1/2" BSP (female) Pump Make – GRACO of FARVAL/Power Master III of Lincoln/imported, working medium : Servogem EP2/Servotak – 40 Note : Air consumption rate required for pump to be indicated by the supplier, make model No. details and catalogue to be furnished alongwith offer.	1 No.
2	Measuring Valve discharge 0.5 to 3 cc per outlet with transparent dust proof indicator cover maximum pressure : 300 bar, minimum pressure : 10 bar. No. of delivery 4, inlet port : 3/8" BSP, delivery port : 1/4" BSP, type DDU 4 of DENCO or eqvt. Working medium : Servogem EP2 and Servotak 40 or eqvt.	6 No.
3	Measuring valve discharge 0.5 to 3 cc per outlet with transparent dust proof indicator cover, maximum pressure : 300 bar, minimum pressure : 10 bar, No. of delivery- 6, inlet port : 3/8" BSP, delivery Port 1/4" BSP, Type DDU 6 of DENCO or eqvt., working medium : Servogem-EP2 and Servotak- 40 or eqvt.	5 Nos.
4	Progressive Metering distributor SSVD6K with indicator Pin, Pad & Screws, capacity : 1.00cc per outlet/cycle, maximum working pressure : 350 bar, minimum working pressure : 20 bar, maximum differential pressure between two outlet 100 bar, inlet port size RP 1/8" BSP thread, outlet tube size : 6mm, No. of outlet : 6, working medium : Servogem- EP2 or eqvt. Complete with item at sl. 9 & 8 at each port.	1 No.
5	Progressive Meatering distributor SSV 6 with Pad & screws, capacity : 0.20cc/outlet/cycle, maximum working pressure : 350 bar, minimum working pressure : 20 bar, differential pressure between two outlet – 100bar, inlet port size RP : 1/8" BSP thread, outlet tube size : 6mm, No. of outlet : 6, working medium: Servogem- EP2 or eqvt. Complete with item at Sl. No. 9 & 8 at each port.	6 Nos.
6	Motorised Grease Filling Pump suitable for 180 Kg. Barrel for refilling grease station from standard Grease Barrel 180 Kg. This consists of Barrel Pump, El. Motor Hose with Grease dispensing nozzle, El. Cable with power Plug working medium Grease/Servotak – 40. a) Pump delivery – 200 Kg/hr. Working pressure : 30 Kg/sqcm. b) El. Motor : TEFC, 1.1 KW, 415 V, dia 3, 50 Hz.c) c) El. Cable : 10 mtrs. Long complete with power plug. Hose with dispensing nozzle : Hose length 10 mtr. Complete with dispensing nozzle with trigger control with grease nipple connector for lubricating manual point/barrel filling, other end of hose suitable for connection to motorised barrel pump outlet.	01 No.
7	Male stud coupling one end 1/8" BSP (Male) other end with ferrule suitable for 6 mm O.D. Tube for progressive distributor SSV6 of Lincoln or eqvt.	05 Nos. spares
8	Ferrule for 6 mm O.D. for progressive distributor SSV6 of LINCOLN or eqvt.	10 Nos. spares

Note : (A) Firms are requested to submit :

- i) Commissioning spares to be included in main supply (list to be furnished, however at-least one no. each of item 3,4,5 & 6 is required to be considered).
- ii) 2 years Operational Spares with item-wise price list
- iii) Unit price of item at Sl. 3,4,5,6 & 7

(B) Documents to be submitted with offers :

- i) Catalogue/drg. with technical specification and dimensional details of all the items.
- ii) Electrical Panel Circuit Diagram, Schematic Diagram, BOM with make and other details etc.

(C) Documents to be supplied alongwith equipment in case of order :

- i) GA Drg. of Grease Panel with El. Control Panel & Schematic Diagram 4 sets for approval.
- ii) El. Control Panel Circuit Diagram – 4 sets
- iii) Operation and Maintenance Manual – 4 sets for each machine.

(D) Supervision during erection & commissioning to be under the supplier's scope

(E) After Sales Service till system is stabilized to ultimate customers satisfaction to be under supplier's scope.

(F) Performance Bank Guarantee : Successful tenderer will be required to furnish PBG for 10% of basic P.O. value (valid upto guarantee period) immediately after dispatch of material & before receipt of payment.

Sl. No.	Description	Qty.				
		Crawler	Turn Table	Boom & Crowd	Roller Circle	Total
1	Seamless Steel Tube DIA 20X2.5 St.35N, Normalised, DIN 2391					110 mtrs
2	Seamless Steel Tube DIA 6X1 St.35N, Normalised, DIN 2391				50 mtrs.	50 mtrs.
3	Seamless Steel Tube DIA 12x2 St.35N, Normalised, DIN 2391	10 mtrs.	6 mtrs.	12 mtrs.		28 mtrs.
4	Male Stud Elbow WE-6 PSR or ERMETO or eqvt.				40	40
5	Seamless Steel Tube DIA 10x1.5 St.35N, Normalised, DIN 2391	50 mtrs.	30 mtrs.	75 mtrs.		155 mtrs.
6	Round Nipple 1/4" BSP(M)X1/4" BSP(F)				40	40
7	Heavy Duty Poly Propylene Clamp for pipe O.D.10mm, Part No.PCS1-20 of Hyd. Air or eqvt.	16	24	15		55
8	Heavy Duty Poly Propylene Clamp for pipe O.D.10mm, Part No.PCS-10 of Hyd. Air or eqvt.	40	24	30		94
9	Straight Female Stud Fitting GAI 20-PSR of ERMETO or eqvt.	3	8	4		15
10	Straight Female Stud Fitting G 20-PS of ERMETO or eqvt.	4	8	4		16
11	Taper Plug R 3/8" PS:006.058-1	6	8	6	1	21
12	Taper Plug R 1/4" PS:006.058-1	4	4			8
13	Straight Male Stud Fitting G-E 12 PSR of ERMETO or eqvt.	16	18	8		34
14	Straight Male Stud Fitting G-E 10 PSR of ERMETO or eqvt.	30	32	22		84
15	Equal Tee T20- PS of ERMETO or eqvt.	6	8	2		16
16	Elbow fitting W-20-PS of ERMETO or eqvt.	10	22	4		36
17	Male Stud Elbow WE 10-PLR of ERMETO or eqvt.	25		8		33
18	Reducing Stand Pipe KOR 20/12 PSR of ERMETO or eqvt.	8	8	4		20
19	Adopter 1/4" BSP/M 16x1.5	22	14	16		52
20	Hex Bolt M8X65-014.003-3	12	6	8		26
21	Pad for DDU-6	2	1	2		5
22	Pad for DDU-4	3	2	1		6
23	Hose With Fitting 1/4"X600	10		2		12
24	Hose With Fitting 1/4"X1000	11		8		19
25	Straight Female Stud Fitting GAI 10-PLR	36		20		56
26	Heavy Duty Polypropolene Clamp for pipe O.D. 12mm, Part No.PCH1012 of Hyd.Air or eqvt.	8	5	8		21
27	Hose With Fitting 3/4"X2000	2		2		4
28	Hex Nipple P 3/4" X TR X P1/2 TR;PS:006.052	2				2
29	Socket P 3/4" TR Ps: 006.056	6				6
30	Socket P 1/4" Tr Ps:006.056	8		8		16
31	Hex. Nipple 1/2" TR PS:006.051	2	11			13
32	Equal Tee T 12 -Ps of ERMETO	4		4		8
33	Elbow P 1/4" TR PS:006.054	15		10		25
34	Hex Nipple P 1/4" TR.PS:006.051	15		12		27
35	Bracket -14, PS:009.815	10				10
36	Plate -14, PS:009.812	10				10
37	Hex Screw M 10x20, PS:014.005-3	20	6			26
38	Bracket -21, PS:009.815	10				10
39	Plate-21, PS:009.812	10				10
40	Hose With Fittings 3/8" BSP, L=2200		1			1
41	Hose With Fittings 1/2" BSP, L=1200		4			4

42	Hose With Fittings 3/8" BSP, L=2000			3			3
43	Air Hose With fitting 1/2"BSP, L=2000			1			1
44	Air Hose With Fittings 1/2" BSP X800			1			1
45	Equal Elbow P 1/2" TR PS:006.054			11			11
46	Union R 1/2" TR-006.059-1			5			5
47	Control Panel Stand			1			1
48	ERW Tube NB 15(M) IS:1239-PT1, L=8M			8 mtr			8 mtrs.
49	Hex. Red. Nipple P 1/2" TR X P3/8" TR PS:006.052			2			2
50	Hex. Red. Nipple P 3/8" TR X P 1/4"; PS:006.052			2			2
51	Hex. Nipple P 3/8" TR-006.051			8			8
52	Forged Steel Elbow 3.8" BSP Female Pr.Class 3000 PSI, ANSI-B16.11			4			4
53	Socket P 1/2" TR: 006.056			6			6
54	Hex Screw M10X30-014.005-3			10			10
55	Hex Nut M10-014.001-3			10			10
56	Spring Washer 10-014.014			10			10
57	MC- 75, IS:808; L=12M			12 mtrs	3 mtrs.		15 mtrs.
58	Bracket 22-009.827			3			3
59	Plate 22.009.828			3			3
60	Ferule for pipe O.D 10mm ERMETO Part No.DPR 10L/S			25			25
61	Ferule for pipe O.D 12mm ERMETO Part No.DPR 12L/S			15			15
62	Ferule for pipe O.D 20mm ERMETO Part No.DPR 20-S			25			25
63	Hose With Fittings 3/8"X2000,			2			2
64	Hex Bushing P 1/2"Tr X P3/8"TR 006.053			6			6
65	Taper Plug R 1/2" -006.058-1			6			6
66	Ball Valve 3/4"; W.Pr.250Kg./cm2			2			2
67	Bracket 14-5, PS:009.820-1				8		8
68	Plate - 4, PS:009.814-1				8		8
69	Hex Screw M12X20, PS:014.005-3				8		8
70	ISA 75, 75 X 6; L=3M, IS:808				3 mtrs		3 mtrs
71	Male Female Reducing Adopter 1/8" BSP(M) X 3/8" BSP(F) of ERMETO Part No.Ri 1/8"X3/8" or eqvt.					2	2
72	Male stud coupling (1/8" x 6 mm O.D. tube) of ERMETO Part No.GE6-PLR.					50	50
73	Pipe Holder 1X 6					28	28
74	Bracket 1 X 6					28	28
75	Pipe Holder 2 X 6					5	5
76	Bracket 2 X 6					5	5
77	Pipe Holder 3 X 6					5	5
78	Bracket 3 X 6					5	5
79	Hex Screw M 6x12-014-005-3					96	96
80	Ferule for Pipe O.D. 6mm ERMETO Part No. DPR 6 L/S.					25	25
81	Male stud coupling one end 1/8" BSP male, other end with ferrule suitable for 6mm OD tube for progressive Distributor SSV6K of M/s Lincoln or eqvt.					5	5
82	Ferule for 6mm O.D tube for progessive Distributor SSV6K of M/s Lincoln or eqvt.					10	10
83	Hex Bushing P 3/4" TR X P1/2"TR PS:006.053			8			8
84	Elbow Fitting W 12 PS ERMETO or equal				8		8

