

BANK NOTE PRESS DEWAS - 455001 (M.P.)
A Unit of Security Printing and Minting Corporation of India Limited
Miniratna Category - I CPSE
Wholly owned by Government of India
Web: <http://bnpdewas.spmcil.com> Tel:07272-255222
E-Mail: bnpdewas@spmCIL.com Fax:07272-255111
Telegram : BANOPRIN CIN: U22213DL2006GOI144763
GSTIN : 23AAJCS6111J2ZF

Not Transferable

Security Classification:

**TENDER DOCUMENT FOR HIRING OF: OVERHAULING, SERVICING
& AMC OF MITSUBISHI DIESEL ENGINE OF 2000 KVA DG SET**

**Tender Number: 6000018150 /BNP/P/E/SPARES/PAC, Dated:
20.03.2023**

This Tender Document Contains _____ Pages.

Tender Document is sold to:

Rai Industrial Power Pvt. Ltd. (130353)
302-303, Competent House
F-14, Middle Circle Connaught Place
110001 NEW DELHI
INDIA

Details of Contact person in SPMCIL regarding this tender:

Name: DIGANTA KUMAR DEKA

Designation: Add. General Manager

Address: BNPD (Bank Note Press, Dewas)
India



Tender Number:6000018150

Section 1: Notice Inviting Tender (NIT)

6000018150 /BNP/P/E/SPARES/PAC

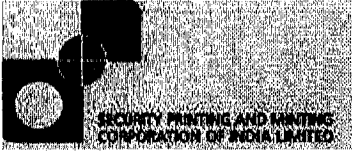
20.03.2023

(SPMCIL's Tender SI No.)

(Date)

1. Sealed tenders are invited from eligible and qualified tenderers for supply of following goods & services:

Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
1	Overhauling&Servicing of 11KV DG engine	1.000 AU	83000.00INR	
1	Thermostat 37546-21700	4.000EA		
2	Con.Rod.Std. Metal 37519-13100	32.000EA		
3	Ring Piston Set 3751710010	16.000EA		
4	Valve Cotter 32504-00400	128.000EA		
5	Seat, Finish 37501-13100	64.000EA		
6	Spring, Nozzle 37561-26400	16.000EA		
7	TIP ASSY NOZZILE 37561-17100	16.000EA		
8	Spring, Valve 37504-10400	64.000EA		
9	Seat, Pipe Inj 37562-13100	29.000EA		
10	Seat, Pipe Inj 37562-13400	19.000EA		
11	Seat, Pipe Inj 37562-13300	29.000EA		
12	V-Belt, Alter 37768-04200	1.000EA		
13	SPRING PLANGER	16.000EA		
14	Gasket Kit(O/H) 37894-01100	1.000EA		
15	Valve Guide 37101-10600	64.000EA		
16	Pressure Sensors	1.000EA		
17	Hose	1.000EA		
18	D.G. Controller	1.000EA		

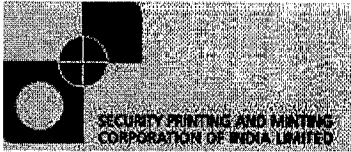


Tender Number:6000018150

Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
19	Service Charges OVERHAULING CHARGES	1.000AU		
20	Packaging and forwarding charges	1.000AU		
21	Freight	1.000AU		
2	AMC of 11KV DG Engine	1.000 AU		
1	Oil Filter by Pass 3754002100	1.000EA		
2	OIL FILTER 3754011100A	4.000EA		
3	Fuel Filter 32562-60300	4.000EA		
4	Pre Filter Insert G2020	1.000EA		
5	Engine Lube Oil 00100-21990	210.000L		
6	Glassy Coolant 05393-25300	72.000L		
Type of Tender (Two Bid/ PQB/ EOI/ RC/ Development/ Indigenization/ Disposal of Scrap/ Security Item etc.)			ONE-BID PROPRIETARY ARTICLE CERTIFICATE	
Dates of sale of tender documents:			From to during office hours.	
Place of sale of tender documents				
Closing date and time for receipt of tenders			11.04.2023 14:30:00	
Place of receipt of tenders			BNP DEWAS	
Time and date of opening of tenders			11.04.2023 15:00:00	
Place of opening of tenders			BANK NOTE PRESS DEWAS	
Nominated Person/ Designation to Receive Bulky Tenders (Clause 21.21.1 of GIT)			DIGANTA KUMAR DEKA Add. General Manager	

Bank Note Press, Dewas invites the quotation/Proforma Invoice for the procurement of items as mentioned below. You are therefore, requested to send the quotation cum proforma invoice for the same on or before closing date & time for receipt of tender by Fax & Mail, and sent original copy by speed post. The quotation cum proforma invoice may be sent in the favour of "The Chief General Manager, Bank Note Press, Dewas" immediately containing the following:-

1. The rates must be quoted on FOR Bank Note Press, Dewas.
2. Payment Terms: The terms of payments would be as follows: 100% payment will be released through RTGS/NEFT after successful supply & suitability of goods and services by user.
3. Validity of the offer: It should be valid for 120 days from the date of opening of quotation. The tender may be submitted by email also and shall be opened as and when received.
4. Tenderers shall ensure that their tender, duly sealed and signed, complete in all respects as per instructions contained in the Tender Documents, are dropped in the tender box located address given below on or before the closing date and time indicated in the para 1 above.



Tender Number:6000018150

address-

The chief General Manager,
Administration Block Gate,
Bank Note Press, Dewas (MP) 455001 India.

5. Required Delivery Schedule: The firm has to supply material & provide service within 03 month from the date of purchase order.

6. Brief Description of Material: as per Section VII. (Technical Specification)

7. The following four certificates are to be enclosed along with the quotation:

a) That the prices offered are the best reduced rates and that the same goods are not supplied at a lower rate to any other organization in last one year.

b) That there is no agency commission involved in the supply and that no person is paid agency commission in India.

8. Quantum of Liquidated damages:- If the supplier fails to deliver any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, BNP DEWAS shall, without prejudice to other rights and remedies available to BNP DEWAS under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to the ½% (0.5%) percent (or any other percentage if prescribed in the SCC) of the delivered price of the delayed goods and/ or services for each week of delay or part thereof until actual delivery or performance, subject to a maximum deduction of the 10% percent (or any other percentage if prescribed in the SCC) of the delayed goods' or services' contract price(s). During the above mentioned delayed period of supply and / or performance, the conditions incorporated under GCC sub-clause 23.4 shall also apply.

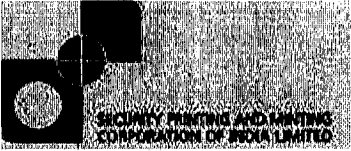
9. Security Deposit: If the value of purchase order exceeds Rs. 2.5 Lakh then the firm on whom purchase order will be placed will have to submit 03% of the total cost of the purchase order against security deposit in form of DD / FDR/ Bank Guarantee drawn on any scheduled commercial bank in India only in the favour of "The Chief General Manager, BNP Dewas" payable at Dewas within 21 Days from the date of contract. The Security Deposit should remain valid for a period of 60 days beyond the date of completion of all contractual obligations.

10. RIGHT OF ACCEPTANCE: The Chief General Manager, Bank Note Press, Dewas reserves the right to reject any or all tenders without assigning any reasons thereof.

11. Earnest Money Deposit: Tender should be accompanied with EMD of INR 83,000(in words: Eighty Three Thousand Rupees only)in the form of DD/FDR/Bankers Cheque/Bank Guarantee drawn on any scheduled commercial bank in India only in favour of "The General Manager", Bank Note Press, Dewas payable at Dewas (M.P.) India.

12. This tender is being published on website, only as an abundant precaution and is not an open invitation to quote in the Tender. Participation in this tender is by invitation only and is limited to the selected Bidder for the item, to whom this tender has been sent by Post/Courier. Unsolicited offers are liable to be ignored.

Yours Faithfully,



Tender Number:6000018150

Diganta Kumar Deka
Additional General Manager (Materials)
Bank Note Press, Dewas
Ph. No. 07272 - 268253
Fax No. 07272 - 255111 E-mail: bnppurchase@sprcil.com;
To,
M/s. M/s Rai Industrial Power Pvt Ltd
302-303, Competent House, F-14 Middle Circle,
Connaught Place New Delhi - 110001
Email: spdsupport@raipowergenset.com setu@raipowergenset.com

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.....
(Name Designation, Address telephone number etc
of the officer signing the document)

For and on behalf of

.....



Section VII: Technical Specifications

Scope of work: The scope of work for overhauling and servicing on S16R-PTA DG Set is as follow:

- 1) To carry out dismantle of Sixteen (16) units cylinder head per engine.
- 2) To carry out cleaning, inspection on Sixteen (16) cylinder heads per engine.
- 3) To carry out replacement of valve seats, guides and valves with new one.
- 4) To carry out replacement of inlet and exhaust valves for proper seating surface.
- 5) To carry out disassembling, cleaning and visual inspection for Sixteen (16) piston assembly.
- 6) To carry out replacement of new piston rings.
- 7) To carry out dismantling of Sixteen (16) cylinder liners.
- 8) To carry out cleaning of cylinder liners and replacement of liners# O-rings.
- 9) To carry out cleaning and visual inspection on crankcase#s liner bores.
- 10) To carry out overhaul and pressure testing of Sixteen (16) No#s of injection nozzle.
- 11) To carry out cleaning and calibration of FIP. (Fuel injection pump)
- 12) To check and adjust fuel injection timing as per injector firing order.
- 13) To check and adjust inlet and exhaust valve clearance.
- 14) To carry out replacement of Connecting rod bearing with new one.
- 15) To carry out dismantle of fresh water piping and inspection of fresh water pump.
- 16) To carry out inspection of intercooler.
- 17) To carry out replacement of all fuel filters, oil filters and turbo inlet tubing.
- 18) To carry out reassemble of engine to ready state.
- 19) To carry out setting of tappet clearance to required specification.
- 20) To carry out replacement of seat pipe required at high-speed fuel pipe.
- 21) To carry out replacement of analog meters with Engine controller with necessary wiring modification.
- 22) To carry out replacement of all pressure and temperature sensor.
- 23) To carry out replacement of charging alternator V-Belt.
- 24) To carry out replacement of Coolant and rubber hoses in water line
- 25) To carry out start-up and no-load testing of engine.
- 26) To carry out load test using available load for engine#s parameter recording.



Tender Number:6000018150

Section XI: Price Schedule

[To be submitted along with the tender]

From:

To,
The Chief General Manager,
Bank Note Press, Dewas (M.P.) – INDIA
(A unit of Security Printing and Minting Corporation of India Limited)

Sub.: **Price Bid for Overhauling & Servicing and Annual Maintenance contract for 2000 KVA, 11 KV Mitsubishi Diesel Engine for D.G. Set no 1.**

Ref.: Your tender enquiry No. 6000018150/BNP/P/E/SPARES/ PAC dated 20.03.2023

Dear Sir,

We have received your tender enquiry cited and we are pleased to enclose the following our Commercial bid for your kind consideration.

Sl. No.	Description	Quantity & Unit	Basic Price Per unit Rs.	Freight, Insurance, other charges if any Rs.	GST@ % & (Rs.) Per unit Rs.	Total rate per unit (FOR BNP Dewas) Rs.	Total Price (FOR BNP Dewas) Rs.
1	2	3	4	5	6	7= (4+5+6)	8= (7x3)
(I)	Overhauling & Servicing of 11KV DG engine	1 AU					
i.	Thermostat 37546-21700	4 EA					
ii.	Con.Rod.Std. Metal 37519-13100	32 EA					
iii.	Ring Piston Set 3751710010	16 EA					

iv.	Valve Cotter 32504-00400	128 EA					
v.	Seat, Finish 37501-13100	64 EA					
vi.	Spring, Nozzle 37561-26400	16 EA					
vii.	TIP ASSY NOZZILE 37561-17100	16 EA					
viii.	Spring, Valve 37504-10400	64 EA					
ix.	Seat, Pipe Inj 37562-13100	29 EA					
x.	Seat, Pipe Inj 37562-13400	19 EA					
xi.	Seat, Pipe Inj 37562-13300	29 EA					
xii.	V-Belt, Alter 37768-04200	1 EA					
xiii.	SPRING PLANGER	16 EA					
xiv.	Gasket Kit(O/H) 37894-01100	1 EA					
xv.	Valve Guide 37101-10600	64 EA					
xvi.	Pressure Sensors	1 EA					
xvii.	Hose	1 EA					
xviii.	D.G. Controller	1 EA					
xix.	Service Charges OVERHAULING CHARGES	1 AU					

xx.	Packaging and forwarding charges	1 AU					
xxi.	Freight	1 AU					
(II)	AMC of 11KV DG Engine	1 AU					
i.	Oil Filter by Pass 3754002100	1 EA					
ii.	OIL FILTER 3754011100A	4 EA					
iii.	Fuel Filter 32562-60300	4 EA					
iv.	Pre Filter Insert G2020	1 EA					
v.	Engine Lube Oil 00100-21990	210 L					
vi.	Glassy Coolant 05393-25300	72 L					

Date:

Name & Signature

Seal of the Firm

Address: _____

Note:

- i. The Contract is indivisible and the rates will be compared on totality of the offer not for individual item for choosing L1.
- ii. Price should be quoted exactly as per the format given above.
- iii. Price bids with condition/counter conditions are liable for rejection.
- iv. Firm has to quote the price within 2 decimal place. Price quote beyond 2 decimal place will be ignored.