



Rajasthan State Mines & Minerals Limited

(A Government of Rajasthan Enterprise)

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Ref: RSMM/CO/MM/F-38/NIT-25/17-18

Dated 25.01.2018

CORRIGENDUM No. 1

Sub.: NIT No. RSMM_CO_MM_NIT-25_2017-18 dated 18.01.2018
Supply/ Installation/ Testing/ Commissioning of ABB/Hitachi/Fuji
Electric/ Schneider / Siemens / L&T/ Yaskawa/ Omron/ Amtech/
Rockwell (Allen Bradley) / Danfoss or any other reputed make
Heavy duty VVVF drives at our Industrial Beneficiation Plant,
Jhamarkotra mines, Udaipur (Raj.).

Following amendment is being made to tender:

| References | Modification/addition |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Annexure-VI of tender document and wherever applicable. | Annexure-VI of tender document is revised and same is attached herewith as <u>'Revised- Annexure-VI'</u> . |

Note-

- i) Tenderers are requested to enclose a copy of this corrigendum alongwith their offered details in 'Revised- Annexure-VI' and same is to be enclosed with the part-I offer.
- ii) All other terms & conditions of tender will remain unchanged.

For more details, tenderer may contact Sr. Manager (MM) at the above address.

(B.S. Gupta)
Gr. General Manager (MM)

NIT NO.RSMM/CO/MM/NIT -25/2017-18 Dated 18.01.18

CHECKLIST TO SPECIFICATIONS

(To be submitted with PART – I Technical Bid)

Required makes : ABB/Hitachi/Fuji Electric/ Schneider / Siemens / L&T/ Yaskawa/ Omron/ Amtech/ Rockwell (Allen Bradley) / Danfoss or any other requeted make

Manufacturer's Name:

Offered Make: i) 3.7 KW....., ii) 7.5 KW.....iii) 55 KW.....

Model no.: i) 3.7 KW....., ii) 7.5 KW.....iii) 55 KW.....

| Sl. No. | Specification | Qty. | Agreed/ Deviation, if any |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------|
| 1 | Supply of heavy duty VVVF drive 3.7 kw, 7.5 amp solid state with pulse width modulated (PWM) output & insulated gate bipolar transistors (IGBT's) as output switching device, input voltage-380 to 480 volt AC, 3 phase, +/-10% for 480 volt AC, input freq.-48 to 63 hz, max. Rate of change 17% per sec., P.F.0.98 (nominal; load), cooling method-internal fan, power loss-approx. 3% of rated power, digital input & output (03 nos. Each) 24V DC, Analog inputs-4 to 20 m Amp/ 0-10 V DC user configurable for speed control from PLC, Analog output (02 nos.)-4 to 20 m Amp/0-10 V DC user configurable for remote RPM & current indication, support for communication port i.e. RJ45/RS485/RS232, communication cable with configuration software shall be provided. Protections-single phase, over & under voltage, over temp., short circuit protected ground fault, microprocessor fault, motor stall protection etc. | 1 No. | |

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| 2. | <p><u>Supply, Installation (Retrofitting in existing control panels) & commissioning of heavy duty VVVF drive 7.5 kw, 15 amp</u>, solid state with pulse width modulated (PWM) output & insulated gate bipolar transistors (IGBT's) as output switching device, input voltage-380 to 480 volt AC, 3 phase, +/- 10% for 480 volt AC, input freq.-48 to 63 hz, max. Rate of change 17% per sec., P.F.0.98 (nominal; load), cooling method-internal fan, power loss-approx. 3% of rated power, digital input & output (03 nos. Each) 24V DC, Analog inputs- 4 to 20 m Amp/ 0-10 V DC user configurable for speed control from PLC, Analog output (02 nos.)- 4 to 20 m Amp/0-10 V DC user configurable for remote RPM & current indication, support for communication port i.e. RJ45/RS485/RS232, communication cable with configuration software shall be provided. Protections-single phase, over & under voltage, over temp., short circuit protected ground fault, microprocessor fault, motor stall protection etc.</p> <p>Note- The dismantling of existing vvf drive & its wiring in control panel & erection of new vvf drive & its wiring to be connected with drive & tested, commissioned for successful operations is in the scope of supplier)</p> | 1 No. | |
| 3. | <p><u>Supply, Installation (Retrofitting in existing control panels) & commissioning of heavy duty VVVF drive 55 kw, 110 amp</u>, solid state with pulse width modulated (PWM) output & insulated gate bipolar transistors (IGBT's) as output switching device, input voltage-380 to 480 volt AC, 3 phase, +/- 10% for 480 volt AC, input freq.-48 to 63 hz, max. Rate of change 17% per sec., P.F.0.98 (nominal; load), cooling method-internal fan, power loss-approx. 3% of rated power, digital input & output (03 nos. Each) 24V DC, Analog inputs-4 to 20 m Amp/ 0-10 V DC user configurable for speed control from PLC, Analog output (02 nos.)-4 to 20 m Amp/0-10 V DC user configurable for remote RPM & current indication, support for communication port i.e. RJ45/RS485/RS232, communication cable with configuration software shall be provided. Protections-single phase, over & under voltage, over temp., short circuit protected ground fault, microprocessor fault, motor stall protection etc.</p> <p>Note- The dismantling of existing vvf drive & its wiring in control panel & erection of new vvf drive & its wiring to be connected with drive & tested, commissioned for successful operations is in the scope of supplier)</p> | 2 No. | |

Signature of Tenderer with official stamp

Place:

Date: