



# WESTERN COALFIELDS LIMITED

(A Subsidiary of Coal India Limited)

MATERIALS MANAGEMENT WING

COAL ESTATE, CIVIL LINES, NAGPUR-440001

CIN : U10100MH1975GO1018626

Phone : (0712) 2510501, 2510691 [EPBAX. Extn :5587] Fax : 0712 - 2510284

सामग्री प्रबन्धन विभाग

Department of Material Management

Website : www.westerncoal.gov.in

केवल नागपुर कोर्ट के अधिकार क्षेत्र में

Under Jurisdiction of Nagpur Court only

SO NO. 21000112919061

DT : 25.06.2019

## SUPPLY ORDER

To.

M/s Geeta Trade India,

Tower 2, Flat no. 302,

Shree Swami Narayan Enclave,

Vathoda, Nagpur-440008 (Maharashtra),

BY REGISTERED POST

Vendor Code : 616231

Vendor Type: NON MSE

Tel No.- 9021054860,

Mobile: 9021054860

Email: geetradeindia@gmail.com

Dear Sir,

**Sub** : Supply of Vertical Turbine Pumps.

**Ref** : 1. Our Tender No. hq-pur-sp-e094-2018-19 (Tender Id : 2019\_WCL\_127426\_1)  
opened on 13.02.2019.

2. Your offer against the tender and subsequent correspondences on Portal  
(Bid Id : 372147 dated 29.01.2019).

With reference to above, we are pleased to place FORMAL ORDER on you for Supply of the Vertical Turbine Pumps with Electricals as per the rates, terms and conditions stipulated hereunder and technical specifications and General terms & conditions of supply of stores enclosed :-

NIT SN	Item description	Unit	Quantity	Unit basic rate in Rs.	Extended Value in Rs
1	Vertical Turbine Pump, 80lps x 120 mtr Bowl head, with electrical (Technical specification as per Annexure A) <u>Make</u> : Flowmore Limited <u>Model</u> : 7000-13M / 7 Stage	Set	2	9,05,000.00	18,10,000.00
2	Vertical Turbine Pump, 35lps x 40 mtr Bowl head, with electrical (Technical specification as per Annexure A) <u>Make</u> : Flowmore Limited <u>Model</u> : 7000-11M 3 Stage	Set	2	3,50,000.00	7,00,000.00
Total Value					25,10,000.00
GST: Extra @ 12 %					3,01,200.00
Sub Total					28,11,200.00
Pre dispatch Inspection Charges @ 1% on Total amount					28,112.00
Total Value of Order (in Rs.)					28,39,312.00

[Rupees Twenty Eight lakhs Thirty Nine Thousand Three Hundred & Twelve Only.]

### TERMS & CONDITIONS

- PRICES**: The above prices are firm and on F.O.R. destination supply basis inclusive of Packing & forwarding freight charges and insurance. Safe arrival of the consignment at destination shall be your responsibility.

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2. **Goods & Service Tax** : GST shall be paid extra on the basic price, as applicable on the date of supply. The present rate of GST is @ 12%

You shall submit the GST compliant Invoice as per the GST rules, indicating all the details as required as per the GST rules, including the HSN code, components of CGST / SGST / IGST( as applicable ) etc, which shall enable WCL to avail the Input Tax Credit Set off as per the GST rules. The ITC set off against the GST shall be availed by the Paying Authority, as per the GST rules.

You shall upload the Tax Invoices/Debit Note/Credit Note in GST Portal, make payment of GST and file returns in time, as prescribed under GST Act and Rule to facilitate WCL to avail Input Tax Credit (ITC) as per eligibility under GST. In case WCL is unable to avail ITC or any liability arises to WCL due to failure on the part of supplier to comply the above provisions , the entire amount including Interest (If any) borne by WCL shall be recovered from you.

3. **Delivery** : Delivery of the complete pump set shall be completed within Three(03) months. The delivery period shall be reckoned from 7<sup>th</sup> (Seven) day of the order date.
4. **Transportation & e-way Bill**: By road on freight paid basis. As the delivery of goods by you is on F.O.R. Destination basis, the movement of the goods is to be initiated by you and issue e-Way Bill.
5. **Pre-dispatch Inspection & Test :Inspection Clause** : (a) The Pumps complete will be inspected by CMPDI at manufacturer's works before dispatch of the same to ascertain the conformity of the ordered pumps with electricals to supply order specifications, relevant ISS, latest (including amendment), statutory regulations (DGMS) and type test certificates. Such inspeptions shall not, in case of any defect noticed later, entitle the supplier to plead that inspection has been done by the purchaser and absolve them of the obligation.

Pre-dispatch inspection including stage inspection of the ordered material shall be carried out by CMPDIL or it's authorized representatives. The inspection fee @ 1% on FOR destination price plus all applicable GST shall be paid by you along with inspection call to inspecting authority GM(E&M) I/C Central Mining, Planning & Design Institute Ltd, Gondwana palace, Kanke Road, Ranchi-834008, FAX-0651-231851/231447 ph no. 0651-230876/422245 which will be subsequently reimbursed by the paying authority on production of documentry evidence. Minimum 10 days advance notice shall be given to inspecting agency/ CMPDIL.

GST on pre-dispatch inspection charges will not be reimbursed by WCL since you are eligible for ITC on GST.

The Payment of pre-dispatch inspection shall be made by you online through State Bank collect hyperlink available on CMPLI website i.e. www.cmpdi.co.in

- b) **FINAL INSPECTION**: Final Inspection of the consignment shall be carried out at the destination stores, which will be arranged by the consignee on receipt of stores. If there is any defect found in the materials supplied, you will arrange the replacement of the same free of cost.

6. **Consignee** : Depot Officer, WCL Central Stores, Tadali,

Urjagram, PO: Tadali, Dist: Chandrapur, Maharashtra

Pin: 442406 – Phone / Fax no: 07172-237295 /237076

GSTIN : 27AAACW1578L1ZW

7. **Payment Terms**: 80% value of the equipment and accessories and 100% taxes and duties and other charges shall be made within 21 days after receipt and acceptance of material at site by the consignee or from the date of submission of bill whichever is later.

Balance 20% payment shall be made after successful completion of erection, testing, commissioning and final acceptance of the equipment (along with the accessories) upon presentation of certificates from the Area GM/HOD(Tech) of WCL HQ to the effect that the equipment has been erected and commissioned to their entire satisfaction. However, if the equipment is not put to use by the project within 120 days from the date of receipt and acceptance at consignee's end, the balance 20% shall be released.

8. **Bank Account details** : As confirmed by you in your offer.

Name of Bank	Bank of India
Branch Name & Location	Middle Ring Road, Bhandara Road Kalamna, Nagpur
Account Number	875420110000729
Type of Account	Current
IFS Code of the Branch	BKID0008754



9. Paying Authority : General Manager(Finance), Western Coalfields Limited, Coal Estate, Civil Lines,  
Nagpur – 440 001 (M.S.)

10. Submission of Bills :For 80% Payment.

- (i) GST complied Invoice enabling WCL to avail ITC on GST paid.
- (ii) Packing list in original giving details of bill of materials, if applicable.
- (iii) Consignment note / RR/ LR in original (if applicable).
- (iv) E-Way Bill ( if applicable ) as per the GST rules
- (v) Warranty / Guarantee certificate.
- (vi) Manufacturer's test certificate as per technical specification.
- (vii) Pre dispatch inspection certificates
- (viii) Performance Bank Guarantee
- (ix) Lowest Price Certificate and Undertaking as per Price Fall Certificate
- (x) Any other document indicated elsewhere in the order/technical specification.

For 20% payment:

Balance 20% payment shall be made after successful completion of erection, testing, commissioning and final acceptance of the equipment (along with the accessories) upon presentation of certificates from the Area GM/HOD(Tech) of WCL HQ to the effect that the equipment has been erected and commissioned to their entire satisfaction. However, if the equipment is not put to use by the project within 120 days from the date of receipt and acceptance at consignee's end, the balance 20% shall be released.

11. Guarantee/Warranty : You shall give a warranty of satisfactory operation and performance of the items supplied by you for a period of 12 months from the date of commissioning or 18 months from the date of receipt and acceptance of materials whichever is earlier, at the consignee end by WCL. You shall be responsible for any defects that they develop under the conditions provided for by the contract and under proper use, arising from faulty materials, design or workmanship and shall remedy such defects at his own cost when called upon to do so, If it become necessary for you to replace or renew any defective portion of the goods, such replacement or renewal should be made by you without any extra cost to WCL. Warranty replacement should be completed within one month from the date of claim. All cases of warranty will be decided on the basis of joint inspection of the failed item held between user representative and the manufacturer representative.

12. Security Deposit : You shall furnish a security deposit in the form of Demand Draft or Bank Guarantee of any scheduled bank as per format enclosed at Annexure 'C' for 10% value of the awarded contract(Landed value before ITC) Rs. 2,83,931.00 (Rs. Two Lakhs Eighty Three Thousand Nine Hundred Thirty One Only) within 15 days time from the date of supply order. Security deposit money will be refunded to you within 30 days from the date of satisfactory execution of the contract. Security deposit may be converted into Performance Bank Guarantee (PBG) as per NIT provisions after completion of supplies.

The bank guarantee issued by the banker of the firm shall be operational for all purposes at Nagpur branch (Maharashtra).

The Bank Guarantee issued by the issuing bank on behalf of the supplier in the favour of Western Coalfields Ltd shall be in paper form as well as issued under "Structured financial messaging system". The details of beneficiary for issue of BG under SFMS platform is furnished below:

Name of beneficiary and details

Name	Western Coalfields Ltd	
Area	Head Quarter	
Bank A/c No: / Cust ID of beneficiary	ICICI Bank Ltd, Vishnu Vaibhav, 222, Palm Road, Civil Lines, Nagpur	The original bank
IFSC code	ICIC0000059	
Bank Manager Name & Ph no:	Hrushikesh Sakalkale Ph n: +91-9923202096	

guarantee issued by the issuing bank shall be sent by the issuing bank to the following address by Registered post /AD.

General Manager (MM) I/c, Materials Management Wing  
Western coalfields ltd HQ, Coal Estate, Civil lines  
Nagpur – 440001, Maharashtra

Any extension / amendments to the BG shall be done following the same procedure as above.

**13. Performance Bank Guarantee :** You shall furnish PBG as per enclosed format at Annexure 'C' valid for 18 months from the date of receipt and acceptance of the materials to cover the Guarantee / Warranty period for 10% of the order value of the equipment(along with accessories) i.e., FOR destination price of the materials on the order ,i.e., for Rs. 2,83,931.00 (Rs. Two Lakhs Eighty Three Thousand Nine Hundred Thirty One Only) to this office.

No payment will be made without submission of the confirmed performance bank Guarantee.

The Performance Bank Guarantee shall be released after receipt of satisfactory performance and no claim certificate from the user department.

The bank guarantee issued by the banker of the firm shall be operational for all purposes at Nagpur branch (Maharashtra).

The Bank Guarantee issued by the issuing bank on behalf of the supplier in the favour of Western Coalfields Ltd shall be in paper form as well as issued under "Structured financial messaging system". The details of beneficiary for issue of BG under SFMS platform is furnished below:

Name of beneficiary and details

Name	Western Coalfileds Ltd
Area	Head Quarter
Bank A/c No: / Cust ID of beneficiary/Address of the Bank	Current Account No. : 0059018053 Cust.ID : 556096497

ICICI Bank Ltd, Vishnu Vaibhav, 222, Palm Road, Civil Lines, Nagpur

IFSC code

ICIC0000059

Bank Manager Name & Ph no:

Hrushikesh Sakalkale Ph : +91-9923202096

BG Advising Message – 760COV / 767COV via SFMS

Field Number	Particulars
7035	ICIC0000059
7037	WCL556096497

The original bank guarantee issued by the issuing bank shall be sent by the issuing bank to the following address by Registered post / speed post

General Manager (MM) I/c  
Materials Management Wing  
Western coalfields Ltd HQ  
Coal Estate, Civil lines  
Nagpur – 440001  
Maharashtra

For ready reference and updation of BG in WCL portal, it is necessary that BG issuing /amending bank send the BG advice in the form of message format 760COV/767COV via SFMS(Structured Financial Messaging System) as provided by RBI.

In the event of BG issuing / amending bank not sending the message 760COV/767COV or committing any error while capturing the details at least in the above mentioned field, BG confirmation through online portal would not be updated. If issuing bank does not adhere to advisory, WCL will not be responsible.

Any extension / amendments to the BG shall be done following the same procedure as above.

**14. Liquidated Damages Clause :**

In the event of failure to deliver the stores within the stipulated date / period in accordance with the samples and / or specifications mentioned in the supply order and in the event of breach of any of the terms and conditions mentioned in the supply order, Coal India Limited and / or its subsidiary Companies should have the right :-



- a. To recover from successful tenderer, as agreed liquidated damages, a sum not less than 0.5% of the price of the store which successful tenderer has not been able to supply (for this purpose part of a unit supplied will not be considered) as aforesaid for each week or part of a week during which the delivery of such stores may be in Arrears limited to 10 %. Where felt necessary the limit of 10% can be increased to 15% at the discretion of Head of the Materials Management Division.
- b. To purchase from elsewhere, after due notice to the successful tenderer, on the account and at the risk of the defaulting supplier the stores not supplied or others of a similar description without canceling the supply order in respect of consignment not yet due for supply or
- c. To cancel the supply order or a portion thereof, and if so desired, to purchase the store at the risk and cost of the defaulting supplier and also-
- d. To extend the delivery period with or without imposition of Liquidated Damages as may be considered fit and proper. The penalty if imposed shall not be more than the agreed liquidated damages referred to clause a above.
- e. To forfeit security deposit in full or part.
- f. Whenever under the contract a sum of money is recoverable from and payable by the supplier, Western Coalfields Limited, shall be entitled to recover such sum by appropriating, in part or in whole by deducting any sum or which at any time thereafter, may become due to the successful tenderer in this or any other contract, with Western Coalfields Limited. Should this sum be not sufficient to cover the full amount recoverable, the successful tenderer shall pay to Western Coalfields Limited, on demand the remaining balance. The supplier shall not be entitled to any gain on any such purchase.

**15. Risk Purchase Clause:**

In the event of failure of the supplier to deliver or dispatch within the stipulated date/period of the supply order or in the event of breach of any of the terms and conditions mentioned in the supply order, Coal India Ltd. or its Subsidiary Companies have the right to purchase the stores from elsewhere after due notice to the defaulting supplier at the risk and cost of the defaulting supplier. In the event of failure of the supplier as detailed above, the cost as per risk purchase exercise may be recovered from the bills against any other supplies pending in the same Subsidiary Co. and also in any other Subsidiary Companies/CIL.

Risk purchase action may be initiated under any of the following conditions:

- i. When the supplier fails to deliver the materials even after the delivery period is extended on several occasions, on request from the supplier.
- ii. When the supplier fails to respond to purchaser's request for supply of the materials and fails to provide any reason which is considered to be genuine, for the delay in supply.
- iii. When in the judgment of the purchaser the supplier is unable to execute the order due to various reasons.
- iv. When the materials are urgently required and the supplier fails to deliver the materials within the extended/original delivery schedule.
- v. When the supplier breaches any of the terms and conditions of the supply order and as a result fails to execute the order satisfactorily

**16. Price Certificate:** You shall certify in your invoice in the following format;

As undertaken by you in your offer you have to certify on the supplies bill that *"we have not offered the same products at a price lower than that offered in the present bid in respect of any other ministry/ department of the Govt. of India or a PSU. In case we offer the lower prices for same items under similar terms within the validity of this offer to ministry/department of the Govt. of India or a PSU, we undertake to notify such reduction to the buyer and the same will also be applicable against this offer."*

**17. PRICE FALL CLAUSE:** You have undertaken in your offer that you have not supplied / is not supplying similar product/systems or subsystems at a price lower than that offer in the present bid in respect of any other Ministry/Department of Govt. of India or PSU and if found at any stage that similar product/systems or subsystems was supplied by the bidder to any other Ministry/Department of the Govt. of India or PSU at a lower price than that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in cost would be refunded by the bidder to buyer, if the contract has already been concluded. A certificate to this effect shall be submitted by you along with supply bill.

**18. Force Majeure Condition**

If the execution of the contract/supply order is delayed beyond the period stipulated in the contract supply order as a result of outbreak of hostilities, declaration of an embargo or blockade or fire, flood, acts of nature or any

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other contingency beyond the supplier's control due to act of God then Western Coalfields Limited may allow such additional time by extending the delivery period, as it considers to be justified by the circumstances of the case and its decision shall be final. If and when additional time is granted by the Coal India Limited and its subsidiary companies, the contract/supply order shall be read and understood as if it had contained from its inception the delivery date as extended.


- a) The successful bidder will advise, in the event of his having to resort to this clause, by a registered letter duly certified by the local chamber of commerce or statutory authorities, the beginning and end of the causes of the delay, within fifteen days of the occurrence and cession of such force majeure conditions. In the event of delay lasting out of force majeure, WCL will reserve the right to cancel the contract, and provisions governing termination of contract as stated in the bid documents will apply.
- b) For delay arising out of Force majeure, the bidder will not claim the extension in completion date for a period exceeding the period of delay attributable to the causes of force majeure and neither WCL nor the bidder shall be liable to pay extra cost provided it is mutually established that the force majeure conditions did actually exist.


**19. Jurisdiction:** All disputes shall be subject to the jurisdiction of Nagpur court only.

**20. General Terms and Conditions:** This order shall also be governed by the General Terms and conditions of supply of stores attached as Annexure-B, unless and otherwise specified above.

This order is being placed on the basis of terms and conditions already accepted by you as per the NIT terms. You may acknowledge the receipt of this order within 15 days from the date of receipt of this order.

Yours faithfully

  
(Sachin Khodke)  
Asst Manager (MM)

  
(KSR Divakar)  
Chief Manager(MM)

- Encl :** 1. Technical Specification - Annexure - "A"  
2. General Terms & Conditions of Supply of Stores- Annexure - "B"  
3. Security Deposit /Performance Bank Guarantee format - Annexure - "C"

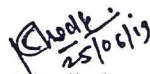
Budget Certification No. FA/WCL/CAP/BC/OPM/12/15/39 dtd.31.05.2019 for Rs.28,39,312.00

Indent Ref: i) 3400318 Dt 31.03.2015 of Regional Workshop of Patharkhed Area (Indent reg. no C12361A014 Dt 12.02.2013) for 2 nos 80 LPS X 120 mtr Bowl head VT Pump.

ii.) 01/11-12 of Sasti Sub Area of Ballarpur Area ((Indent reg. no C12361A014 Dt 12.02.2013) for 02 nos 35 LPSX40 mtr Bowl head VT Pump

**Copy to :**

1. GM(E&M)HOD, / GM(Finance)I/C, WCL(HQ), Nagpur.
2. Depot Officer, Central Stores Tadali.
3. CGM(P&P), WCL(HQ), Patharkhed Area/Ballarapur Area.
4. SO(E&M) Patharkhed Area/Ballarapur Area
5. SO(MM) / Depot Officer, Patharkhed Area/Ballarapur Area
6. Sr. Manager (Finance)CB, WCL(HQ), Nagpur.
7. Chief Manager(Finance)Exp. , WCL(HQ), Nagpur
8. Sr. Manager(Cash/CP), WCL(HQ), Nagpur
9. GM(E&M)HOD, CMPDIL Ranchi - with a request to inspect the items as per Pre dispatch Inspection clause.
10. Sr. Manager(MM/Admn.), WCL(HQ), Nagpur - The total value of the order is Rs.28,39,212.00
11. M/s Flowmore Limited - Your letter no FP/QKGV18121591 Dt 23.01.2019  
Address: M/s Flowmore Limited, 443, Udyog Vihar , Phase III Gurgaon ,Haryana, India Pin 122016

  
(Sachin Khodke)  
Asst Manager (MM)

  
(KSR Divakar)  
Chief Manager(MM)

## Technical Specification. - Annexure - "A"

<b>NIT ITEM SR NO 01 ;</b>	
Item Details: Vertical Turbine Pump set, 80LPS, 120 Meter Bowl Head, complete with Electricals.	
<b>1.1-TECHNICAL PARAMETERS</b>	
a-Discharge rating:	80LPS
b-Bowl head:	120 Mtrs
<b>1.2- Operating Conditions:</b>	
a-Nature of Liquid :	Clear Well Water
b-Maximum Ambient Temperature :	45 deg. C.
c-Depth of intake /Open Well :	40 Feet
d-Length of Column Pipe :	35 Feet (To Be supplied 2 nos-10 Feet and 3 nos.-5 feet)
e- Maximum Water Level :	20 feet
f- Minimum Water Level :	10 feet
g-PH value :	7.5 to 8
h. Pumps to be installed in Open Well and electricals above Platform.	
<b>1.3</b>	
i. Model of Pump	7000-13M / 7 Stage
ii. Weight of Pump (in Kg)	1700 Kg
iii-No. of stages in the pump	Seven
iv-K.W. Rating of motor	132 KW
v. -Make of motor	ABB/CGL/Marathon/LHP
vi- RPM of Motor	4 Pole
vii-Make of Contactors: Govt./ Govt. approved test house tested	ABB/SIEMENS/L&T
ix-Kilo Watt Rating of starter (Suitable for pump motor)	132 KW
x-Starter make	Parabhu / Pyrotech / Saitmine
<b>NIT ITEM SR NO 02 ;</b>	
Vertical Turbine Pump set, 35 LPS, 40 Meter Bowl Head, complete with Electricals	
<b>2.1-TECHNICAL PARAMETERS</b>	
a-Discharge rating:	35LPS
b-Bowl head:	40 Mtrs
<b>2.2- Operating Conditions:</b>	
a-Nature of Liquid :	Clear Well Water
b-Maximum Ambient Temperature :	45 deg. C.
c-Depth of intake /Open Well :	55 Feet

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25/6/19

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d-Length of Column Pipe :	50 Feet (To Be supplied 4 nos-10 Feet and 2 nos.-5 feet)
e- Maximum Water Level :	23 feet
f- Minimum Water Level :	07 feet
g-PH value :	7.5 to 8
h. Pumps to be installed in Open Well and electricals above Platform.	
<b>2.3</b>	
i. Model of Pump	7000-11 M 3 Stage
ii. Weight of Pump (in Kg)	1200 Kg
iii-No. of stages in the pump	3 Stages
iv-K.W. Rating of motor	22 KW
v-Make of motor	ABB/CGL/Marathon/LHP
vi-RPM of Motor	4 Pole
vii-Make of Contactors: Govt./ Govt. approved test house tested	ABB/SIEMENS/L&T
ix-Kilo Watt Rating of starter (Suitable for pump motor)	22 Kw
x-Starter make	Parabhu / Pyrotech / Saitmine
<b>COMMON PARAMETERS FOR ITEM SR NO 1 AND 2</b>	
<b>3.0-GENERAL SPECIFICATION :</b> The pump shall be water lubricated complete with bowl assembly, column pipe, line shaft, foundation/sole plate, basket strainer, motor foot stool and all necessary accessories. The pump shall be designed so as to have a maximum flow capacity not less than 110% of the rated flow capacity. The pump shall also be designed for continuous operation at any point of head capacity curve between 90% to and 110% of pump rated flow, without undue vibration or over heating and thrust bearing should be anti-friction type.	
<b>3.1-BOWLS :</b> The bowl shall be made of cast iron grade not less than FG 260 of IS : 210 Latest, smoothly finished and shall be free from blow holes and other detrimental defects. The bowl shall be capable of withstanding a hydrostatic pressure equal to twice the pressure at rated capacity or 1.5 times of the shut off head whichever is greater. The water passage in the bowls shall be smooth and shall have the Nit rile rubber linked bearing to save bearing for the impeller shaft.	
<b>3.2-IMPELLERS :</b> Impellers shall be closed type made of Bronze grade LTB2 as per IS: 318 Latest, statically and dynamically balanced. Impellers shall be free from any casting defect and shall be properly machined. All the water passage shall be smooth finished.	
<b>3.3-IMPELLER SHAFT :</b> The impeller shaft shall be of stainless steel as per IS : 1570(Part-5) Latest with renewable stainless steel sleeves at bearing portion. The impeller shaft shall be guided by bearing provided in each bowl.	
<b>3.4-LINE SHAFT :</b> The line shaft shall be made of Carbon Steel as per IS: 7283 Latest.	



3.5-COLUMN PIPE : Column pipe of required dia. with its suitable companion flange shall be manufactured from the. Steel of Grade 'A' conforming to IS: 2062 Latest.	
3.6-LINE SHAFT BEARING : Line shaft bearing shall be designed to be lubricated by self water. Line shaft bearing shall be Nitrile rubber/ equivalent lined bearing.	
3.7-DISCHARGE HEAD : The discharge head shall be made of steel as per IS : 1239(Part-1) Latest, fabricated as per columns size.	
3.8-STUFFING BOX : It shall be made of cast iron as per IS : 210 Latest A packing gland shall be provided at the top of stuffing box. The stuffing box shall be of sufficient depth to permit adequate packing. The space between the pump motor main coupling and the stuffing box shall be sufficient to permit removal of packing gland and insertion of new packing without dismantling the pump.	
3.9-BOLTS, NUTS and WASHERS : All bolts, nuts and washers shall be of superior quality and should be made of high tensile mild steel conforming to relevant Indian standard specifications.	
Type of column Pipe	Flanged type
3.10-Over all specification shall conform to the standard IS: 1710 Latest except for the parameters specified.	
4.0-MOTOR :	
4.1-Motor :	Conforming to IS:325 latest including amendments
4.2-Operating voltage:	440 V $\pm$ 3%
4.3-Enclosure:	T.E.F.C.
4.4-Degree of protection of enclosure:	IP:55
4.5-Class of duty:	Continuous (S1)
4.6-Class of insulation: Class F with temperature rise limited to class B.	
4.7-Cable entry:	Suitable for PVC DWA cable
5.0-STARTER :	
5.1-Type of Starter :	Star- Delta
5.2-Power source:	440 V $\pm$ 3%, 3 PH, 50 HZ
5.3-Construction:	Double compartment type
5.4-First Compartment:	To house through going Bus bars and isolators
5.5-Second Compartment:	To house contactors and protective devices
5.6-Door Interlock: Door of the second compartment can be opened only when the isolator is in "OFF" position	
5.7-Degree of protection (For NFLP):	IP:54 of IS:13947(Part-1) Latest.
5.8-Cable entry :Suitable for PVC DWA cable for both I/C and O/G	
5.9-Utilisation category of Starter:	AC-3 of IS:13947(Part 4/ Sec.I) Latest.
5.10-PROTECTIONS	

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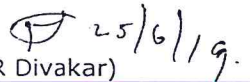
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i-Over load :	Electromagnetically operated over current relay with oil dash pot type time lag/ in combination with thermal relay
ii-Earth Leakage:	(b) 0.5 A – 2 A (Max) in steps of 0.5 A
iii-Time delay setting range:	0-1 Sec. in steps of 0.1 Sec.
iv-Short circuit:	HRC fuses
v-Single phasing:	Current sensing type single phasing preventor
vi-Low water level:	Water level guard
<b>5.11-INSTRUMENTS</b>	
i-Amp. Meter	
ii-Volt Meter	
<b>6.0-INSTALLATION &amp; COMMISSIONING :</b>	
6.1-The supplier shall be required to depute qualified, trained and competent service engineers to supervise assembly, installation, field testing, commissioning and trial runs of the pump set complete at the site	
<b>7.0-SCOPE OF SUPPLY :</b>	
7.1-Pump/bowl assembly	
7.2-Column pipe and Line shaft assembly	
7.3-Discharge head assembly	
7.4-Suction strainer	
7.5-Motor	
7.6-Starter	
7.7-Any other item required for completeness of pump set is also included in scope of supply	
<b>8.0-PRE-DESPATCH INSPECTION &amp; TESTS :</b>	
8.1-The pump sets will be inspected and tested by WCL's representative/third party inspection agency at manufacturer's works before dispatch of the equipment to ascertain the conformity of the pump set to order specifications, relevant ISS.	
8.2-The manufacturer shall make available to the inspector, the required test facilities with necessary support for conducting the tests as per the ISS and supply order.	
8.3-The manufacturer shall make available to the inspector the following during the inspection.	
(a) Copies of relevant ISS.	
(b) Material test certificate of the pump.	
(c) All records of quality checks under QAP	
(d) Manufacturers test certificates for bought-out items.	



9 –DOCUMENTS TO BE SUBMITTED WITH CONSIGNMENTS :	
9.1-Dimensional / Assembly drawing(s) of offered model pumps indicating total weight in KG.	
9.2-Technical leaflet/brochures for the offered pump set and bought outs.	
9.3-Characteristic curves of the offered pump	
(I) discharge & head	
(ii) discharge & KW absorbed	
(iii) discharge & efficiency	
9.4-work test certificate of the pump set as per ISS.	
9.5-Performance test report/pre-despatch inspection report of the pump set.	
9.6-Installation, operation and maintenance manual and spare parts catalogue.	
9.7-Special tools required for the pump if any.	

  
(Sachin Khodke)  
Asst Manager (MM)

  
(KSR Divakar)  
Chief Manager(MM)

ANNEXURE – “B”GENERAL TERMS AND CONDITIONS OF SUPPLY OF STORES

1. Definition; In the interpretation of the Contract and the general and special conditions governing it unless the context otherwise requires:

i. "Contract" means the invitation of tender, instructions to tenderers, acceptance of tender, particulars and the general and special conditions specified in the acceptance of tender and includes a repeat order which has been accepted and acted upon by the supplier.

ii. The term "SUPPLIER" shall mean the person, firm or company with whom the contract is placed and shall be deemed to include the supplier in successors (approved by the Purchaser) representatives, heirs, executors, administrators and permitted assignee as the case may be.

iii. "CONTRACT PRICE" shall mean the sum accepted or the sum calculated in accordance with the price and / or terms accepted by or on behalf of the purchaser.

iv. The Chairman – cum Managing Director means Chairman – cum Managing Director of Western Coalfields Limited, Nagpur

v. The term DRAWING shall mean the drawings, the plans specified in or annexed to the schedule of specification.

vi. The term "PURCHASE EXECUTIVE" shall mean the purchaser or purchaser named in the schedule to the tender, his or their successors or assignees.

vii. The term INSPECTOR shall mean any person nominated by or on behalf of the purchaser to inspect supplies, Stores or works under the contract or his duly authorized agent.

viii. The term PROGRESS OFFICER shall mean any person nominated by or on behalf of the purchaser to visit supplier's works to ascertain the position of deliveries of stores purchased.

ix. The term MATERIALS shall mean anything used in the manufacture or fabrication of the stores.

x. The term PARTICULARS shall mean the following :

a. Specification

b. Drawing

c. Sealed pattern denoting a pattern sealed and signed by the inspector

d. Certified or sealed sample denoting a copy of the sealed pattern or sample sealed by the purchaser for guidance of the Inspector.

e. Trade pattern denoting a standard of the ISI or other standardizing authority of Western Coalfields Limited and / or a general standard of the Industry and obtainable in the open market.

f. Proprietary make denoting the product of an individual manufacturer

g. Any other details governing the construction, manufacturer and or supply as existing in the contract

xi. STORES means the goods specified in the supply order or schedule which the contractor has agreed to supply under contract.

xii. The term TEST shall mean such test or tests as are prescribed by the specification or considered necessary by the Inspector or any agency acting under direction of the Inspector.

xiii. The term SITE shall mean the place or places named in the SUPPLY ORDER or such other place or places at which any work has to be carried out as may be approved by the purchaser.

xiv. Works denoting the persons shall include any company or association or body of individuals whether incorporated or not.

xv. WRITING shall include any manuscript, typewritten or printed statement under or over signature or seal as the case may be.

xvi. UNIT & QUALITY means the unit and quantity specified in the schedule.

xvii. SUPPLY ORDER or PURCHASE ORDER means an order for supply of stores and includes an order for performance.

2. The delivery of stores shall be deemed to take place on delivery of the stores in accordance with the terms of the contract after approval of stores by the Inspector to:

i. The consignee at his premises or

ii. Where so provided the interim consignee at his premises or

iii. A carrier or other persons named in the contract an interim consignee for the purpose of transmission to the consignee.

iv. The consignee at the destination station in case of contracts stipulated for delivery stores at destination station.

3. Words in the singular include the plural and vice-versa.

4. Words denoting the masculine gender shall be taken to include the female gender and work persons, shall include any company or association or body of individuals, whether incorporated or not.

5. Terms and expressions not herein defined shall have the meanings assigned to them in the India Sale of Goods Act 1930 or the Indian Contract, 1872 or the General Clauses Act 1897 and as amended in respect of all the Acts as the case may be.

6 (a) Parties:-

The Parties to the contract are the supplier and the purchaser named in the schedule or any other specifically mentioned in the contract.

(b) Address to which communications are to be sent