

## Contract



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**Contract No:** GEMC-511687716835229

**Generated Date:** 15-Jun-2022

**Bid/RA/PR No:** [GEM/2021/B/1405032](#)

Organisation Details	Buyer Details
Type: Central PSU	Designation: Chief Manager MM
Ministry: Ministry of Coal	Contact No.: 7116-247092-
Department: Materials Management	Email ID: navinnischal@westerncoal.gov.in
Organisation Name: Western Coalfields Ltd	GSTIN: 27AAACW1578L1ZW
Office Zone: Western Coalfields Limited / Nagpur	Address: 1st Floor, MM Wing, WCL Hqrs, Coal Estate, Civil Lines, NAGPUR, MAHARASHTRA-440001, India

Financial Approval Detail	Paying Authority Details
IFD Concurrence: No	Payment Mode: Offline
Designation of Administrative Approval: GM(MM)	Designation: Dy Manager Fin
Designation of Financial Approval: CM(F)	Email ID: sprathi@westerncoal.gov.in
	GSTIN: 27AAACW1578L1ZW
	Address: WCL Hqrs, Coal Estate, Civil Lines, NAGPUR CITY, MAHARASHTRA-440001, India

Seller Details	
GeM Seller ID:	916B190000918383
Company Name:	FLOWMORE LIMITED
Contact No.:	09930105918
Email ID:	bommkt@flowmoregroup.com
Address:	303, 3RD FLOOR,,PLOT NO. 2968/69,38, NAI WALAN,KAROL BAGH, Central Delhi, DELHI-110005, -
MSME verified:	No
MSME Registration number:	-
GSTIN:	09AAACF0876E1ZR , 09AAACF0876E1ZR , 06AAACF0876E1ZX , 27AAACF0876E1ZT , 09AAACF0876E1ZR

\*GST / Tax invoice to be raised in the name of - Consignee

Product Details						
#	Item Description	Ordered Quantity	Unit	Unit Price (INR)	Tax Bifurcation (INR)	Price (Inclusive of all Duties and Taxes in INR)
1	<b>Product Name :</b> Flowmore Vertical Turbine Pump Set <b>Brand :</b> FLOWMORE <b>Brand Type :</b> Unbranded <b>Catalogue Status :</b> Catalogue not verified by OEM <b>Selling As :</b> Reseller not verified by OEM Category Name & Quadrant : Flowmore Vertical Turbine Pump Set (Q3) Flowmore Vertical Turbine Pump Set 84135021	2	set	1,654,538	NA	3,309,076
Total Order Value (in INR)						<b>3,309,076</b>

Consignee Detail						
S.No	Consignee	Item	Lot No.	Quantity	Delivery Start After	Delivery To Be Completed By
1	Designation: - Email ID: hb.prakash@coalindia.in Contact: 07175-285086- GSTIN: 27AAACW1578L1ZW Address: Regional Stores, WCL New Majri, P.O. Shivaji Nagar Distt Chandrapur, CHANDRAPUR, MAHARASHTRA-442503, India	Flowmore Vertical Turbine Pump Set	-	2	15-Jun-2022	13-Sep-2022

Product Specification for Flowmore Vertical Turbine Pump Set		
Specification	Sub-Spec	Value
Custom Specification	Custom Specification	Yes

**Seller Specification Document:**

1. [SpecificationDocument1](#)

mkp.gem.gov.in/catalog\_data/catalog\_support\_document/18/67/141/CatalogAttrs/SpecificationDocument/2021/9/14/2021\_09\_14\_13\_54\_23\_gem-bidding-2552767\_2021-09-14-13-54-26\_583f797cd6bda87d79e5500746397073.pdf

**Buyer Specification Document:**

1. [SpecificationDocument](#)

mkp.gem.gov.in/catalog\_data/catalog\_support\_document/buyer\_documents/83984/54/78/703/CatalogAttrs/SpecificationDocument/2021/8/2/catalogue-vt-pump\_-corrected\_2021-08-02-16-31-54\_77587f55a9a25e099e4a364999bb9b6e.pdf

**Terms and Conditions****1. General Terms and Conditions-**

**1.1 This contract is governed by the [General Terms and Conditions](#), conditions stipulated to this Product/Service as provided in the Marketplace.**

**2. Buyer Added Bid Specific Terms and Conditions-**

**2.1 Scope of supply (Bid price to include all cost components) : Only supply of Goods**

**Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.**

**Budget Details:**

Budget is certified Vide Diary No. FA/WCL/CAP/BC/OPM/12/22/59, Dated. 15.06.2022 for Rs. 33.48 Lacs only.

**Indent details:**

S.No	Indent Ref	Project/Area	Item Description	Quantity
1	IND/20-21/ 4460/00166 dt 17.05.20	NMOC IIA/ Majri Area	VT Pump 80 LPS 120mtr head with electricals	2 set

**Technical specification, technical / commercial terms and conditions and Provenness criteria for procurement of VERTICAL TURBINE PUMP SET**

**Part-A:** Technical specification, technical and provenness terms and conditions should be complied by the prospective bidder

**Part-B:** Format of Technical Parameter Sheet (TPS) to be filled and submitted by the bidder for technical evaluation.

**Part-C:** Commercial Terms and conditions

**PART-A**

**1. ITEM DESCRIPTION:**

Sl No	Item Description	Required Quantity
1	Vertical Turbine Pump set 80 LPS, 120 Meter Bowl head complete with Motor, Starter and other Electricals	2 sets

**2. TECHNICAL SPECIFICATIONS:**

<b>2.1-TECHNICAL PARAMETERS</b>
a-Discharge rating: 80LPS
b-Bowl head: 120 Mtrs
<b>2.2-OPERATING CONDITION :</b>
a-Nature of Liquid: Clear well Water
b-Max. Ambient Temperature: 45 deg. C.
c-Depth of intake /open Well : 80 Feet
d-Length of Coloumn Pipe : 70 Feet
e-Maximum Water Level : 50 Feet
f-Minimum Water Level : 10 Feet
g-PH value: 7
h-Pump to be installed in intake well
<b>2.3-To be indicated by the bidder</b>
a-No. of stages in the pump
b-K.W. Rating of motor
c-Make of motor
d- rpm of motor
e-Make of Contactors: Govt./ Govt. approved test house tested
f-Kilo Watt Rating of starter (Suitable for pump motor)
g- Make of the Starter

**2.4-GENERAL SPECIFICATION :** 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.

2.4.1-BOWLS : 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.
2.4.2-IMPELLERS : 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.
2.4.3-IMPELLER SHAFT :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.
2.4.4-LINE SHAFT : The line shaft shall be made of Carbon Steel as per IS: 7283 Latest.
2.4.5-COLUMN PIPE : Column pipe of required dia. with its suitable companion flange shall be manufactured from the. Steel of Grade 'A' confirming to IS: 2062 Latest.
2.4.6-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.
2.4.7-DISCHARGE HEAD : The discharge head shall be made of steel as per IS : 1239(Part-1) Latest, fabricated as per columns size.
2.4.8-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.
2.4.9-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.
2.10. Type of column Pipe: Flanged type
2.11-Over all specification shall conform to the standard IS: 1710 Latest except for the parameters specified.
<b>3.0-MOTOR :</b>
3.1-Motor : Conforming to IS:325 latest including amendments
3.2-Operating voltage: 440 V $\pm$ 3%
3.3-Enclosure: T.E.F.C.
3.4-Degree of protection of enclosure: IP:55
3.5-Class of duty: Continuous (S1)
3.6-Class of insulation: Class F with temperature rise limited to class B.
3.7-Cable entry: Suitable for PVC DWA cable
<b>4.0-STARTER :</b>
4.1-Type of Starter :Star- Delta
4.2-Power source: 440 V $\pm$ 3%, 3 PH, 50 HZ
4.3-Construction: Double compartment type
4.4-First Compartment: To house through going Bus bars and isolators
4.5-Second Compartment: To house contactors and protective devices
4.6-Door Interlock: Door of the second compartment can be opened only when the isolator is in "OFF" position
4.7-Degree of protection (For NFLP): IP:54 of IS:13947(Part-1) Latest.
4.8-Cable entry :Suitable for PVC DWA cable for both I/C and O/G
4.9-Utilisation category of Starter: AC-3 of IS:13947(Part 4/ Sec.I) Latest.
4.10-PROTECTIONS

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
4.11-INSTRUMENTS
i-Amp. Meter
ii-Volt Meter
<b>5.0-INSTALLATION AND COMMISSIONING :</b>
5.1-Shall be installed & commissioned by WCL, under supervision of manufacturer / supplier. Manufacturer / supplier have to provide technical supervision for carrying out installation & commissioning work. 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>6.0-SCOPE OF SUPPLY :</b>
6.1-Pump/bowl assembly
6.2-Column pipe and Line shaft assembly
6.3-Discharge head assembly
6.4-Suction strainer
6.5-Motor
6.6-Starter
6.7-Any other item required for completeness of pump set is also included in scope of supply
<b>7.0-PRE-DESPATCH INSPECTION &amp; TESTS :</b>
7.1-WCL reserves its right to get the pump sets inspected and tested by WCL's representative or third party inspection agency at manufacturer's works before dispatch of the Pumps to ascertain the conformity of the pump set to order specifications, relevant ISS.
7.2-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.
7.3-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.

**(8) Provenness Criteria:**

1.The equipment offered by the tenderer shall be considered proven provided ONE number of Vertical Turbine Pumpset with tendered / higher capacity (Discharge X Bowl Head), must have been supplied by the bidder (or Manufacturer in case bidder is not the manufacturer) in India to mining industry and/or to the other Industries (Private or Government/ Public Sector Undertaking) and performed satisfactorily for a minimum period of one years from the date of commissioning. The performance of only those equipment would be considered for assessing provenness which have been commissioned 1 years prior to the date of opening of tender but not prior to 5 years from the