



WESTERN COALFIELDS LIMITED  
(A Subsidiary of Coal India Limited)  
MATERIALS MANAGEMENT WING  
Coal Estate, Civil Lines, Nagpur – 440 001 (M.S.)  
Phone : PBX : 0712 2511381, 2511223 Extn. : 5587

Supply Order No :111C0132220118

DT: 08.09.2020

**SUPPLY ORDER**

To  
M/s. PENTAGON RUBBER PRIVATE LTD.  
51, Rani Jhansi Road,  
NEW DELHI – 110055

**BY REGISTERED POST**  
Mobile: 9891407460  
**VENDOR CODE: 106091**  
**VENDOR TYPE : MSE (Small)**  
Email-sales@pentagonrubber.com

Dear Sir,

- Sub:** Formal order for supply of Rubber Conveyor Beltings.  
**Ref:** 1. Our Tender No. wcl-hq-pur-sp-ra-e035-2020-21 opened on 06.07.2020 Tender Id No. 2020\_WCL\_174496\_1 [e-office file no. 188538]  
2. Your Online offer on portal dated 01.07.2020 under Bid id: 532916 and subsequent correspondence on portal

This has reference to above. We are pleased to Place FORMAL ORDER on you for supply of Rubber Conveyor Beltings as per order terms and conditions stipulated below and General Conditions of the Contract enclosed.

NIT sl.No.	Item Detail	Quantity in Mtrs.	Basic Price in Rs	Extended Value in Rs.
	Rubber Conveyor Belting, Pre Stretched, Straight ply / skim coated, open ends, cut edge suitable for 20°-35° troughing angle, fire resistant grade, Nylon and Nylon construction, confirming to relevant IS and the standards as recommended in DGMS (Tech) Circular no.6/Dhanbad dated 06.09.2001, of following sizes and minimum tensile strength (as per technical specifications enclosed at Annexure-A):			
1	800mm 400KN/M	400	1059.00	4,23600.00
2	1000mm 500 KN/M	1200	1376.00	16,51,200.00
4	1200mm 800 kN/M	3600	1880.00	67,68,000.00
5	1400mm 800 kN/M	400	2325.00	9,30,000.00
	Sub Total			97,72,800.00
	GST @18%			17,59,104.00
	Pre Despatch Inspection charge @ 1% on F.O.R. Destination price at present.			1,15,319.04
	G.Total			1,16,47,223.04

(Rupees One Crore Sixteen Lakhs Forty-Seven Thousand Two Hundred and Twenty-Three Paise four only)

**OTHER TERMS & CONDITIONS**

- PRICES:** The above Prices are FIRM and on FOR Destination basis, inclusive of P&F & Freight & insurance.
- GST:** GST shall be payable extra as applicable within stipulated delivery period. You shall submit GST compliant invoice as per GST act enabling WCL to avail ITC. The present rate of GST is @18%.

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3. **Delivery:** Supply should be completed within 6(six) months from the date of issue of supply order, however, minimum 50% of the order quantity of each size shall be supplied within 3 months from date of placement of order.

**No material to be supplied without delivery extension. Request for extension of delivery period to be made within the schedule delivery period. Even if the materials are unloaded at the Stores, the same shall be at the risk and cost of the supplier and shall not be accepted unless the supplier has obtained the extension of delivery period.**

**Grace Period :** A grace period of 25% of original delivery period or 21 days, whichever is earlier, unless specifically disallowed will be applicable.

Where supplies are made within the grace period, there is no necessity for any extension in delivery period and the paying authorities shall make payment without any amendment to the contract delivery period. No liquidated damages are leviable in respect of supplies made within the grace period. The extra expenditure, the purchaser may have to incur on account of increase/fresh imposition of GST/CST/VAT, Excise/Customs Duty etc. which takes place within the above grace period will also not be recoverable from the suppliers.

The grace period is allowed as a matter of grace and is not intended to operate as extension of the delivery period and the same will be available only for deliveries and not for offering stores for inspection ( in cases of pre- dispatch inspections) which should be made within the original delivery period or the re-fixed date of delivery.

If the stores are tendered for pre-dispatch inspection within the original delivery period stipulated in the contract and the firm delivers the stores within the grace period, the purchaser is bound to accept the stores even though the inspection was completed after the delivery date.

The grace period will only apply to the original contract delivery period/refixed delivery period and will not be applicable once an extension of delivery has been granted.

**In case of scheduled delivery period, grace period shall be limited to 25% of original delivery period or 21 days, whichever is earlier, irrespective of delay in particular phase of delivery.**

4. **Payment Terms :** 100% Payment shall be released within 21 days after receipt and acceptance of the goods at the consignee's end or submission of bills by the supplier along with all requisite documents as per provisions of Purchase order/ contract, whichever is later. Bank Account details provided by you in Mandate form for making EFT are as under.

<b>Branch Name &amp; Location</b>	<b>HDFC BANK, Opp. Mehta Home, SAI ROAD, BADDI, Distt. Solan – 173205 (H.P.)</b>
<b>Account No.</b>	<b>50200002333878</b>
<b>Type of Account</b>	<b>Current</b>
<b>IFSC Code of the Branch</b>	<b>HDFC0000650</b>

5. **Paying Authority:** General Manger, (F)/c WCL, HQ. Nagpur (MS)-440001.

6. **Consignee:** Depot Officer, Central Stores, Tadali, Western Coalfields Limited, At Urjagram, PO: Tadali, Dist: Chandrapur (MS)- 442406, Phone no: 07172- 237076, **GSTN: 27AAACW1578L12W**

7. **Mode of Dispatch:** - All the stores securely packed are to be dispatched by road transport to the Consignee on Freight paid basis. Safe arrival of materials is the responsibility of supplier.  
*Location from where the material will be supplied: PENTAGON RUBBER PRIVATE LIMITED, VILLAGE BEHRA, GULABGARH ROAD, DERA BASSI, DIST S A S NAGAR, PUNJAB - 140 507. MOBILE NO. 09816610647*

8. **Security Deposit :**

- (A) You are required to submit the Security Deposit. Security Deposit for rupees **Rs.11,64,723/- ( Rupees Eleven Lakh Sixty Four Thousand Seven Hundred Twenty Three Only)** i.e for amount of ten per cent of the total landed value of the contract including all taxes, duties and other costs and charges without



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considering the Input Tax Credit. The Security Deposit shall be in the form of a Bank Demand Draft or in the form of a Bank Guarantee as per format enclosed as Annexure-2 from a RBI Scheduled Bank in India (on a non-judicial stamp paper) within 15 days from date of notification of award or placement of order.

- a) The Security Deposit shall be in the same currency in which contract is to be signed / Supply order issued. In case of Multi Currency contract separate SDBG in respective currency for required value as above shall be submitted.
- b) In case of equipment, SDBG shall not be individual equipment wise. However, multiple Bank Guarantees for Security Deposit shall be permissible provided value of all the SDBGs totals to 10% of the contract value, and all are submitted simultaneously within the specified time schedule and all of them are in the same prescribed format of SDBG without linking to any particular equipment.
- c) The SDBG shall remain valid up to 3 months after completion of supplies and acceptance of materials by the consignee in case of supply of Materials and in case of contracts for equipment involving installation and commissioning, 3 months after the supply and commissioning of all the equipment covered in the contract.
- d) Security Deposit will be released within 30 days after completion of supplies and acceptance of material by the consignee in case of supply contract or after successful commissioning and on receipt of confirmation of Performance Bank Guarantee (s) for all the equipment covered in the contract in case of contracts for equipment and all those items/ goods involving installation and commissioning and PBG.
- e) Security Deposit may be converted into Performance Bank Guarantee (PBG) wherever PBG is required at the option of the supplier. At the time of conversion of security money into PBG, it should be ensured that the amount of PBG should not be less than 10% of landed value of order. Wherever Security Deposit is converted into PBG, the operation of such SDBG/ Performance BG shall be guided by the Performance Bank Guarantee clause.
- f) If the successful tenderer fails to deposit the security deposit within 15 (fifteen) days from date of notification of award/ placement of order, another opportunity shall be given to them for submission of Security Deposit within next 15 days. If the successful tenderer still fails to deposit the security deposit within the extended period but executes the supplies within scheduled delivery period, the submission of Security Deposit shall be waived, as the purpose of submission of SD is fulfilled.
- g) If the Supplier fails to deposit the SD within the extended period and no supplies are made, the order shall be cancelled and the case shall be processed to order elsewhere at firm's risk and cost. Moreover, the firm's performance is to be kept recorded for future dealings with them. Further, if during execution of the contract, the firm fails to extend the Bank Guarantee for Security Deposit, suitably as required, the same shall be recorded as unsatisfactory performance for future dealings apart from taking any other penal action as may be deemed fit by WCL.
- h) In cases where the successful tenderer did not submit the security deposit even within the extended period for SD submission but has supplied the materials either in full or in part after the extended period for SD submission, the SD shall be deducted from the first bill or in case of insufficient amount from subsequent bill(s) of the supplier till the full SD amount is deducted. Further, a penalty equivalent to 0.5% (half percent) of SD amount for delay of each week or part thereof (period of delay is to be calculated from the 31st day from the date of notification of award/ placement of order to the date of receipt of full SD/deduction of full SD) shall be levied subject to a maximum of 10% of the contract value.

**Note:** For unsatisfactory performance and / or contractual failure, the security money shall be forfeited.

**B) 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

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Bank A/c No: / Cust ID of beneficiary	Current Account no: 005905018053; Customer Id: 556 096497 ; ICICI Bank Ltd, Commercial Banking, 9C/A& 9C/B, Ground Floor, Shriram Towers, LIC Square, Nagpur -- 440001, Maharashtra
IFSC code	ICIC0000059
Bank Manager Name & Ph no:	UJJWAL KITE: Ph n: 0712-6627389
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

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

For ready reference and updation of BG in WCL portal, it is necessary that BG issuing / amending bank send the BG advise 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

The above particulars are to be incorporated by the issuing bank properly while issuing BG under SFMS mode to avoid any problem in future.

Original bank Guarantee issued by the Issuing Bank shall be sent by the Issuing Bank to HQ. MM Deptt. by Registered/ Speed Post.

The beneficiary's bank/advising bank shall send a copy of advice received under SFMS mode to HQ through e-mail at their e-mail id and provide print out of the said message from advising bank with seal and signature, to the Finance Dept, of HQ.

Under SFMS, extension/subsequent amendments to the BG can be done following the same procedure as stated above.

For encashment, the BG shall be placed directly before the issuing bank at Nagpur Branch.

9. **Performance Bank Guarantee:** You shall furnish a performance bank guarantee valid for 18 months from the date receipt and acceptance of last consignment equivalent to 10% value of the contract including taxes and duties etc. to the FOR Destination price of the material on order, covering the warranty period i.e. for **Rs.11,64,723/- ( Rupees Eleven Lakh Sixty Four Thousand Seven Hundred Twenty Three Only )**. The bank guarantee shall be released after successful completion of the guarantee period (18 months ) after confirmation from GM(E&M)HOD, WCL/Hqrs. The PBG must be submitted immediately after dispatch of the consignments, as per format in Annexure 'C',. No payment shall be made without submission of PBG. PBG is to be submitted strictly in **SFMS platform as detailed above in clause 8(B) and as well as in paper form.**
10. **a). Pre-dispatch Inspection :** The Rubber Belting will be inspected by CMPDIL at manufacturer's works before dispatch of the same to ascertain the conformity of the Rubber Belting to supply order specifications, relevant IS, latest (including amendment), statutory regulations (DGMS) and type test certificates. Such inspections 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. The inspection fee @ 1% on FOR destination price plus GST as applicable shall be paid by the supplier along with inspection call to inspecting authority GM(E&M) I/C, Central Mine Planning & Design Institute Ltd,(CMPDIL), Gondwana palace, Kanke Road, Ranchi-834008, FAX-0651-231851/231447 ph no. 0651-230876/422245. GST on Pre dispatch inspection charges shall not be claimed by you vis-à-vis will not be reimbursed by WCL. Minimum 10 days advance notice shall be given to inspecting agency/ CMPDIL

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**(b). Final Inspection:** of the consignment shall be carried out at the destination stores, which will be arranged by the consignee on receipt of stores. WCL reserves the right to reject the goods which do not confirm to the specifications stores.

**11. Manufacturer's Certificate:** As the order is being placed on basis of consideration that you are a Manufacturer of the ordered materials, you have to provide a certificate to following effect on the body of each bill. "Certified that the items supplied and included in this bill/invoice are **M/s ARB CONVEYORS** make and have been actually manufactured in our works situated at Village Sangal Sohal, Kapurthala Road, Jalandhar.

**12. GUARANTEE/WARRANTY :** The material should be guaranteed for satisfactory operation and performance for a period of 12 months from the date of installation /commissioning or 18 months from date of receipt and acceptance of Rubber belting , whichever is earlier. In the event of any defect in material , design ,workmanship ,operation and performance during the aforesaid period , defective Rubber belting shall be replaced and the equipment rectified and brought back to satisfactory performance free of cost within reasonable time.

**In case of warranty claim, the supplier shall without charge, repair or rectify defective goods or to replace such goods with similar goods free from defect. Any goods repaired or replaced by the supplier shall be delivered at the buyers premises without costs to the buyer.**

**13. A. Lowest Price Certificate Clause:-**You have certified in your offer that the prices quoted are the lowest prices as applicable to any other Organization / Ministry / Department of the Govt, of India or Coal India Ltd. and /or its Subsidiaries or other PSU or any other private organization

**B. Price Fall Clause: :** "You had undertaken that you had not offered to supply / supplied / is not supplying same or similar product / systems or sub systems at a price lower than that offered in the present bid in respect of any Organization / Ministry / Department of the Govt, of India or Coal India Ltd. and /or its Subsidiaries or other P S U or any other private organization during the currency of the contract and if it is found at any stage that same or similar product / systems or sub systems was supplied by the bidder to any Organization / Ministry / Department of the Govt, of India or Coal India Ltd. and /or its Subsidiaries or other PSU or any other private organization at a lower price during the currency of the contract, then that very price will be applicable to the present case and the difference in the cost would be refunded by the bidder to buyer, if the contract has already been concluded .

(i) The currency of contract will mean the period till completion of supply.

(ii) The bidder shall have to submit a copy of the last (latest) purchase order for the similar /ordered item (s) received by them from any Organization / Ministry / Department of the Govt, of India Coal India Ltd. and /or its Subsidiaries or other PSU or any other private organization, along with the offer.

(iii) It shall be responsibility of the supplier to inform the purchaser of offer to supply / supply of the similar /ordered item (s) at a lower rate to any Organization / Ministry / Department of the Govt, of India or Coal India Ltd. and /or its Subsidiaries or other PSU or any other private organization during the currency of the contract.

(iv) You shall submit a certificate along with the bill(s) that it has not offered to supply / supplied the similar /ordered item (s) at a lower rate to any Organization / Ministry / Department of the Govt, of India or Coal India Ltd. and /or its Subsidiaries or other PSU or any other private organization. "

**14. Risk Purchases Clause :** In the event of failure of the supplier to deliver or dispatch the stores 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/ contract, WCL shall 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. The cost as per risk purchase exercise shall be recovered from the Earnest Money Deposit/ Security Deposit/ Performance Security of the supplier and/or bills submitted by the supplier against the same contract or any other contract pending in the same Subsidiary Co. and/or in any other Subsidiary Companies / CIL.

Risk Purchase Action shall be initiated as a last resort, if the supplier has failed to deliver despite having been given adequate and proper notice to discharge its obligations and under any of the following conditions:

a) When the supplier fails to deliver the materials even after extending the delivery period.

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b) When the supplier fails to respond to purchaser's request for supply of the materials and fails to provide any genuine and Bonafide reason for the delay in supply.

c) When the supplier breaches any of the terms and conditions of the supply order/ contract and as a result fails to execute the order satisfactorily.

**15. SUBMISSION OF BILLS:**

For claiming **100% payment**, following documents are to be submitted along with original bills as per terms of the supply order to the consignee.

- (i) GST complied Invoice enabling WCL to avail ITC.
- (ii) Packing list in original giving details of bill of materials, if applicable.
- (iii) Consignment note / RR/ LR in original.
- (iv) Warranty / Guarantee certificate.
- (v) Manufacturer's test certificate.
- (vi) CMPDIL Inspection note in original
- (vii) Price certificate as per Price fall clause
- (vii) Any other document indicated elsewhere in the order / technical specifications.

**16. LIQUIDATED DAMAGES:**

**A)** In the event of failure to deliver or dispatch the equipment/stores within the stipulated date/period in accordance with the terms and conditions and the specifications mentioned in the supply order and in the event of breach of any of the terms and conditions mentioned in the supply order, the Purchaser shall have the right:

- (a) To recover from the successful bidder as agreed liquidated damages, a sum not less than 0.5% (Half Percent) of the price of any equipment/ stores which the successful tenderer has not been able to supply as aforesaid for each week or part of a week during which the delivery of such stores may be in arrears limited to 10% (Ten Percent) of the total contract value, or
- (b) To purchase elsewhere after due notice to the successful tenderer on the account and at the risk of the defaulting supplier, the equipment/stores not supplied or others of similar description without cancelling the supply order in respect of the consignment not yet due for supply, or
- (c) To cancel the supply order or a portion thereof, and if so desired to purchase the equipment/ stores at the risk and cost of the defaulting supplier and also,
- (d) To extend the period of delivery with or without penalty as may be considered fit and proper. The penalty, if imposed, shall not be more than the agreed liquidated damages referred to in clause (a) above.
- (e) To forfeit the security deposit full or in part.
- (f) Whenever under this contract any sum of money is recoverable from and payable by the supplier, the Purchaser 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. Should this sum be not sufficient to recover the full amount recoverable, the successful tenderer shall pay the Purchaser on demand the remaining balance. The supplier shall not be entitled to any gain on any such purchase.

For the purpose of the calculation of the liquidated damages amount, the basic Free Delivery at Site price shall be considered. For direct imports, the CIP price at Final Place of destination will be considered. Taxes and duties shall not be taken into account for calculation of LD. However, when prices indicated in the order are inclusive of taxes and duties, such prices will be taken for calculation of LD.

**(B) Denial Clause:**

In case of extension of delivery period, any increase in statutory duties and/or upward rise in prices due to price variation clause and/or exchange rate variation clause, is to be borne by the seller during the extended delivery period, while purchaser reserves its right to get any benefit of downward revisions in statutory duties, PVC and exchange rate variation clause.

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17. **FORCE MAJEURE CONDITION** : If at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract shall be prevented or delayed by reason of any wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts, freight embargoes or act of God (hereinafter referred to "events") provided, notice of the happening of any such event is given by either party to the other within 21 days from the date of occurrence thereof neither party shall by reason of such event, be entitled to terminate this contract nor shall either party have any claim for damages against the other in respect of such non- performance or delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist, provide further that if the performance in whole or part or any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, either party may at its option terminate the contract provided also that if the contract is terminated under this clause, the purchaser shall be at liberty to take over from the contractor at a price to be fixed by the CIL / Subsidiary Company, which shall be final, all unused, un damaged and acceptable materials, bought out components and stores in course of manufacture in the possession of the contractor at the time of such termination or such portion thereof as the purchaser may deem fit excepting such materials, bought out components and stores as the contractor may with the concurrence of the purchaser elect to retain."
18. **JURISDICTION: Settlement of Disputes through Court of Law of Competent Jurisdiction:** *The Courts in whose territorial jurisdiction the place from where Tenders / contract is being issued is located i.e. Nagpur shall be competent to deal with any matter arising out of this NIT / resultant purchase Order/Contract . Therefore any dispute/claims arising out of the NIT with bidders or arising out of the contract entered into with the suppliers will be subject to the jurisdiction of the Nagpur court of law .*
19. **Provisions of CIL Purchase Manual:**  
Provisions of Coal India Purchase Manual – 2020 along with e-procurement guidelines shall be applicable to this tender. CIL Purchase Manual 2020 is available in the website of CIL <http://www.coalindia.in> or WCL <http://www.westerncoal.in> Latest Govt guidelines / Govt Circulars / CVC circulars issued if any from time to time shall also be applicable to this tender.

All other terms shall be as per N.I.T and General Conditions of the Contract (Annexure-B).

This order is issued with this acceptance. Kindly acknowledge the receipt and proceed for execution of order.

Yours faithfully,

(S.Pawar) 01/9  
Sr. Manager (MM)

(K.S.R.Divakar) 08/9/20  
Chief Manager (MM)

Encl: Details Technical Specification-Annexure-A  
General Conditions of the Contract -Annexure- B  
Format for Security deposit – Annexure-C  
BC Details -Annexure -D

Copy to:

1. GM/AFM/SO(MM)/DEPOT OFFICER, All Areas of WCL.
2. GM(E&M) HOD, WCL(HQ).
3. GM(Finance)I/C, WCL(HQ)
4. Sr. Manager (Finance) CP, WCL(HQ), Nagpur.
5. Depot Officer, Central Store Tadali.
6. Sr. Manager (MM/Admin), WCL(HQ), Nagpur – The total procurement value is **Rs. 1,16,47,223.04 only.**

(S.Pawar) 01/9  
Sr. Manager (MM)

(K.S.R.Divakar) 08/9/20  
Chief Manager (MM)

Supply Order No.11100132220118 Dated: 08.09.2020

**ANNEXURE " D "**

**AREA-WISE ALLOCATION AND BUDGET CERTIFICATION (for internal circulation only)**

SR. NO.	AREA	BC REFERENCE	BUDGET CERTIFIED in Rs.
1.	KANHAN	WCL/REV/OTHER STORE/AB CLASS/AREAS/2020-21/12/01/200 DTD. 31.08.2020 for Rs1291.44 lacs	5,43,943.26
2.	PENCH		10,79,799.52
3.	NAGPUR		20,24,652.81
5.	MAJRI		9,86,106.81
6.	WANI NORHTH		6,80,273.70
7.	WANI		12,76,489.60
8.	CHANDRAPUR		22,81,866.23
9.	BALLARPUR		19,51,726.14
			<b>Total</b>
4.	UMRER	WCL/GM(U)/HQ/Other Stores/2/17/2020-21/01 dated 27.08.2019 for Rs.27,59,219.00 only	20,84,237.07
		<b>G.Total</b>	<b>1,31,25,055.04</b>

  
(S.Pawar)  
Sr.Manager(MM)

  
(K.S.R. Divakar)  
Chief Manager (MM)



**TECHNICAL SPECIFICATIONS**

Item no.1	Rubber Conveyor Belting, pre- stretched, straight ply / skim coated, open ends, cut edge, suitable for 20-35° troughing angle, fire resistant grade, nylon and nylon construction size 800 mm
	A. Quantity required - 400 mtr
	B. Minimum tensile strength - 400 Kn/m
	C. Minimum numbers of plies - 3
	D. Face cover thickness - 5 mm
	E. Back cover thickness -3 mm
	F-Other PARAMETERS as Confirmed by You
	i-The tensile properties of rubber cover:
	(a) Minimum tensile strength: 17 Mpa
	(b) Minimum elongation at break: 350%
	ii-Full thickness elongation of belting in the longitudinal direction at reference load: Not more than 4%
	iii-Adhesion properties of the belting: As follows
	(a) Adhesion between adjacent plies: 4.5 KN/m width (Min.)
	(b) Adhesion between cover and carcass: 3.5 KN/m width (Min.)
	iv-Make and Brand of the Belting offered : PENTAGON
Item no.2	Rubber Conveyor Belting, pre- stretched, straight ply / skim coated, open ends, cut edge, suitable for 20-35° troughing angle, fire resistant grade, nylon and nylon construction size 1000 mm
	A. Quantity required - 1200 mtr
	B. Minimum tensile strength - 500 Kn/m
	C. Minimum numbers of plies - 3
	D. Face cover thickness - 5 mm
	E. Back cover thickness -3 mm
	F-Other PARAMETERS as confirmed by You
	i-The tensile properties of rubber cover:
	(a) Minimum tensile strength: 17 Mpa
	(b) Minimum elongation at break: 350%
	ii-Full thickness elongation of belting in the longitudinal direction at reference load: Not more than 4%
	iii-Adhesion properties of the belting: As follows
	(a) Adhesion between adjacent plies: 4.5 KN/m width (Min.)
	(b) Adhesion between cover and carcass: 3.5 KN/m width (Min.)
	iv-Make and Brand of the Belting offered : PENTAGON
Item no.4	Rubber Conveyor Belting, pre- stretched, straight ply / skim coated, open ends, cut edge, suitable for 20-35° troughing angle, fire resistant grade, nylon and nylon construction size 1200 mm
	A. Quantity required -3600 mtr
	B. Minimum tensile strength - 800 Kn/m
	C. Minimum numbers of plies - 4
	D. Face cover thickness - 5 mm

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	E. Back cover thickness -3 mm
	F- Other PARAMETERS as confirmed by You
	i-The tensile properties of rubber cover:
	(a) Minimum tensile strength: 17 Mpa
	(b) Minimum elongation at break: 350%
	ii-Full thickness elongation of belting in the longitudinal direction at reference load: Not more than 4%
	iii-Adhesion properties of the belting: As follows
	(a) Adhesion between adjacent plies: 4.5 KN/m width (Min.)
	(b) Adhesion between cover and carcass: 3.5 KN/m width (Min.)
	iv-Make and Brand of the Belting offered : PENTAGON
Item no.5	Rubber Conveyor Belting, pre- stretched, straight ply / skim coated, open ends, cut edge, suitable for 20-35° troughing angle, fire resistant grade, nylon and nylon construction size 1400 mm
	A. Quantity required -400 mtr
	B. Minimum tensile strength - 800 Kn/m
	C. Minimum numbers of plies - 4
	D. Face cover thickness - 5 mm
	E. Back cover thickness -3 mm
	F- Other PARAMETERS as confirmed by You
	i-The tensile properties of rubber cover:
	(a) Minimum tensile strength: 17 Mpa
	(b) Minimum elongation at break: 350%
	ii-Full thickness elongation of belting in the longitudinal direction at reference load: Not more than 4%
	iii-Adhesion properties of the belting: As follows
	(a) Adhesion between adjacent plies: 4.5 KN/m width (Min.)
	(b) Adhesion between cover and carcass: 3.5 KN/m width (Min.)
	iv-Make and Brand of the Belting offered: PENTAGON

**COMMON TECHNICAL TERMS & CONDITIONS:**

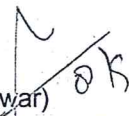
<b>2.0 Environmental &amp; Duty conditions :</b>
i. Place of use : surface (Coal Mines)
ii. Max. temperature : 5 deg to 50 deg C.
iii. Max.relative humidity : 98%
iv. Environment: dusty (Mostly Coal Dust)
v. Material to be handled : ROM coal containing shale
vi. Condition of material to be conveyed : Wet & Abrasive
vii. 'A stretch of conveyor may run on surface, hence the belting shall be suitable for extra environmental conditions i.e. exposure to sun and rain and temperature variations from 5 deg.C to 50 deg.C.
viii. The belting shall be suitable for round the clock operations.
ix. Duty condition : Heavy duty
<b>3.0 STANDARD :</b>
i. The belting specifications shall conform IS:1891 and the standards as recommended in DGMS(Tech.)/Circular No.6 / Dhanbad dated 06.09.2001.
ii. Fire resistance propoerties of the cover as per ISO:340

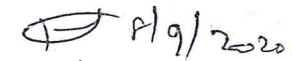
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iii. Drum friction test as per IS:1891(part-5)-1993
iv. Max.surface elect. Resistance as per IS:1891(part-5)-1993
v. Cover abrasion loss 175 Cu.mm (Max) as per DIN-53516
<b>4.0 TECHNICAL PARAMETERS:</b>
i. Type of belt carcass : Nylon-Nylon
ii. Roll length -- for all items : 200 mtr (Note : Wherever the total length required are not in multiples of specified roll length i.e. 200 Mtrs. , the last roll can be made /supplied in non- specified roll length. )
iii. Each packed Roll must indicate gross weight of the Roll, Net weight of the belt and weight of belt per meter length (kg/m)
iv. Note: Belting with carcass of solid woven fabric of equivalent tensile strenght is also acceptable.
<b>5.0 IDENTIFICATION</b>
The belt should carry identification mark as per clause 18.1 of IS:1891(part-1)-1994
<b>11.0. DOCUMENTS TO BE SUBMITTED ALONG WITH SUPPLY of each reel of the belt</b>
i-Self attested copies of works test report in respect of rubber cover properties, adhesion strength and full thickness breaking strength and elongation at reference load and at break for offered or higher sizes of the belts in reference to earlier supplies.
ii-Technical brochures/leaflets indicating all technical details in respect of the belts offered.
iii-Self attested copies of relevant IS.
iv- copy of inspection report

  
(S.Pawar)  
Sr.Manager(MM)

  
(K.S.R. Divakar)  
Chief Manager(MM)



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