

**BIKANER DIVISION-MECHANICAL/NORTH WESTERN RLY  
TENDER DOCUMENT**

Tender No: 07-Mech-CnW-2017-18

Closing Date/Time: 25/09/2017 15:00

**Sr.DME-LoCo/NWR/BKN** acting for and on behalf of The President of India invites E-Tenders against Tender No **07-Mech-CnW-2017-18** Closing Date/Time 25/09/2017 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

Contractors are allowed to make payments against this tender towards tender document cost and earnest money only through only payment modes available ON IREPS portal LIKE net banking, debit card, credit card etc. Manual payments through Demand draft, Banker cheque, Deposit receipts, FDR etc. are not allowed.

**1. NIT HEADER**

<b>Contract Type</b>	Works		
<b>Name of Work</b>	Design, supply, Installation and commissioning for development of coach maintenance facility in washing line and Sick line at New Coach care Complex, Hisar		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	25/09/2017 15:00	<b>Date Time Of Uploading Tender</b>	18/08/2017 17:01
<b>Pre-Bid Required</b>	No	<b>Pre-Bid Query Date Time</b>	Not Applicable
<b>Advertised Value</b>	2311933.86	<b>Tendering Section</b>	MECHANICAL
<b>Bidding Style</b>	Single Rate for Tender	<b>Bidding Unit</b>	Above/Below/Par
<b>Earnest Money (Rs.)</b>	46240.00	<b>Validity of Offer ( Days)</b>	120
<b>Tender Doc. Cost (Rs.)</b>	3000.00	<b>Period of Completion</b>	4 Months
<b>Bidding Start Date</b>	11/09/2017		

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule A-Items for High pressure water jet system</b>							1368680.86	
1		Please see Item Breakup for details.			737352.00	At Par	737352.00	
		<b>Item Description:-</b> 50 MM GI Pipe line class C with 50mm two valves including all required GI fittings						
2		Please see Item Breakup for details.			348409.60	At Par	348409.60	
		<b>Item Description:-</b> High pressure triplex positive displacement (three plunger reciprocating) 100LPM electrically driven with 15 HP Motor for working pressure 40 kg/cm2 with 2 sets maintenance spares of pump as recommended by supplier and complete necessary fittings						
3		Please see Item Breakup for details.			20422.08	At Par	20422.08	
		<b>Item Description:-</b> Ball Valve 50mm for suction line and distributors chamber						
4		Please see Item Breakup for details.			37920.90	At Par	37920.90	
		<b>Item Description:-</b> ½" (12.5mm) bore stainless steel Industrial Ball Valve						
5		Please see Item Breakup for details.			37920.90	At Par	37920.90	
		<b>Item Description:-</b> ½" (12.5mm) bore SS-304 QRC male portion (Plug) suitable for 40 kg/cm2 pressure						
6		Please see Item Breakup for details.			107376.18	At Par	107376.18	
		<b>Item Description:-</b> Jet cum spray gun with 10 mm ID High pressure steel wire braided rubber hose 20mtrs long fitted with QRC female with provision of Gun at other end.						
7		Please see Item Breakup for details.			79279.20	At Par	79279.20	
		<b>Item Description:-</b> Water tank HDPE Cap-5000 ltr liters with all suction fitting to pumps						

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule B-Items for High Pressure Pneumatic facility</b>							943253.00	
1		Please see Item Breakup for details.			271201.00	At Par	271201.00	
		<b>Item Description:-</b> MS Pipe 1½" (37.5 mm) dia with wall thickness of 0.095"						
2		Please see Item Breakup for details.			21952.00	At Par	21952.00	
		<b>Item Description:-</b> MS Pipe ½" (12.5mm) dia with wall thickness of 0.095"						
3		Please see Item Breakup for details.			89180.00	At Par	89180.00	
		<b>Item Description:-</b> Straight hose (PU) (10 mtrs each)						
4		Please see Item Breakup for details.			101920.00	At Par	101920.00	
		<b>Item Description:-</b> Fitting ,elbow ,tee etc with isolation valve						
5		Please see Item Breakup for details.			459000.00	At Par	459000.00	
		<b>Item Description:-</b> Electric driven mini air compressor, 20hp, tank cap 500ltrs with all fittings						

**3. ITEM BREAKUP**

<b>Schedule</b>	Schedule A-Items for High pressure water jet system							
<b>Item- 1</b>	50 MM GI Pipe line class C with 50mm two valves including all required GI fittings							
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>			<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	50 MM GI Pipe line class C with 50mm two valves including all required GI fittings			Metre	700.00	1053.36	737352.00
							<b>Total</b>	<b>737352.00</b>
<b>Item- 2</b>	High pressure triplex positive displacement (three plunger reciprocating) 100LPM electrically driven with 15 HP Motor for working pressure 40 kg/cm2 with 2 sets maintenance spares of pump as recommended by supplier and complete necessary fittings							
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>			<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>

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1	2	High pressure triplex positive displacement (three plunger reciprocating) 100LPM electrically driven with 15 HP Motor for working pressure 40 kg/cm2 with 2 sets maintenance spares of pump as recommended by supplier and complete necessary fittings	Set	1.00	348409.60	348409.60
					<b>Total</b>	<b>348409.60</b>
<b>Item- 3</b> Ball Valve 50mm for suction line and distributors chamber						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	3	Ball Valve 50mm for suction line and distributors chamber	Numbers	6.00	3403.68	20422.08
					<b>Total</b>	<b>20422.08</b>
<b>Item- 4</b> ½" (12.5mm) bore stainless steel Industrial Ball Valve						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	4	½" (12.5mm) bore stainless steel Industrial Ball Valve	Numbers	30.00	1264.03	37920.90
					<b>Total</b>	<b>37920.90</b>
<b>Item- 5</b> ½" (12.5mm) bore SS-304 QRC male portion (Plug) suitable for 40 kg/cm2 pressure						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	5	½" (12.5mm) bore SS-304 QRC male portion (Plug) suitable for 40 kg/cm2 pressure	Numbers	30.00	1264.03	37920.90
					<b>Total</b>	<b>37920.90</b>
<b>Item- 6</b> Jet cum spray gun with 10 mm ID High pressure steel wire braided rubber hose 20mtrs long fitted with QRC female with provision of Gun at other end.						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	6	Jet cum spray gun with 10 mm ID High pressure steel wire braided rubber hose 20mtrs long fitted with QRC female with provision of Gun at other end.	Set	6.00	17896.03	107376.18
					<b>Total</b>	<b>107376.18</b>
<b>Item- 7</b> Water tank HDPE Cap-5000 ltr liters with all suction fitting to pumps						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	7	Water tank HDPE Cap-5000 ltr liters with all suction fitting to pumps	Numbers	2.00	39639.60	79279.20
					<b>Total</b>	<b>79279.20</b>
<b>Schedule</b> Schedule B-Items for High Pressure Pneumatic facility						
<b>Item- 1</b> MS Pipe 1½" (37.5 mm) dia with wall thickness of 0.095"						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	MS Pipe 1½" (37.5 mm) dia with wall thickness of 0.095"	Metre	700.00	387.43	271201.00
					<b>Total</b>	<b>271201.00</b>
<b>Item- 2</b> MS Pipe ½" (12.5mm) dia with wall thickness of 0.095"						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	2	MS Pipe ½" (12.5mm) dia with wall thickness of 0.095"	Metre	140.00	156.80	21952.00
					<b>Total</b>	<b>21952.00</b>
<b>Item- 3</b> Straight hose (PU) (10 mtrs each)						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	3	Straight hose (PU) (10 mtrs each)	Numbers	35.00	2548.00	89180.00
					<b>Total</b>	<b>89180.00</b>
<b>Item- 4</b> Fitting ,elbow ,tee etc with isolation valve						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	4	Fitting ,elbow ,tee etc with isolation valve	Numbers	35.00	2912.00	101920.00
					<b>Total</b>	<b>101920.00</b>
<b>Item- 5</b> Electric driven mini air compressor, 20hp, tank cap 500ltrs with all fittings						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	5	Electric driven mini air compressor, 20hp, tank cap 500ltrs with all fittings	Set	2.00	229500.00	459000.00
					<b>Total</b>	<b>459000.00</b>

**4. ELIGIBILITY CONDITIONS**

**5. COMPLIANCE**

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	TDforHPHisar8.18.pdf	TD hp for HSR

**Signed By: PUSHKAR SINGLA**

**Designation : Sr.DME**