

**WDFC FIELD UNIT-VADODARA-CIVIL/WDFC  
TENDER DOCUMENT**

**Tender No:** BRC-EN-BM-MPRN-BHEN-173R2

**Closing Date/Time:** 04/01/2025 11:00

**GM/Co/BRC** acting for and on behalf of The President of India invites E-Tenders against Tender No **BRC-EN-BM-MPRN-BHEN-173R2** Closing Date/Time 04/01/2025 11:00 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.

**1. NIT HEADER**

<b>Name of Work</b>	"General maintenance work of all buildings, bridges, RUBs and other miscellaneous work and maintenance, development of horticulture including minor construction work as per requirement for the period of 02 years under jurisdiction of CGM/Vadodara from Sachin DFC km 286.867 to New Makarpura DFC km 420.808		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	04/01/2025 11:00	<b>Date Time Of Uploading Tender</b>	14/12/2024 16:34
<b>Pre-Bid Conference Required</b>	Yes	<b>Pre-Bid Conference Date Time</b>	19/12/2024 15:30
<b>Advertised Value</b>	67031841.01	<b>Tendering Section</b>	CIVIL
<b>Bidding Style</b>	Single Rate for Each Schedule	<b>Bidding Unit</b>	
<b>Earnest Money (Rs.)</b>	485200.00	<b>Validity of Offer ( Days)</b>	120
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	24 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	21/12/2024	<b>Are Joint Venture (JV) firms allowed to bid</b>	Yes
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Capital (Works)

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 1-Building Works</b>							28333566.49	Above/ Below/Par
1	Please see Item Breakup for details.				37778088.65	(-) 25.00	28333566.49	
	<b>Description:-</b> Building Works							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 2-Road Works</b>							11138403.88	Above/ Below/Par
2	Please see Item Breakup for details.				14851205.17	(-) 25.00	11138403.88	
	<b>Description:-</b> Road Works							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 3-Horticulture &amp; Landscaping Items</b>							750000.00	Above/ Below/Par
3	Please see Item Breakup for details.				1000000.00	(-) 25.00	750000.00	
	<b>Description:-</b> Horticulture & Landscaping Items							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 4-Bridge Works</b>							7229411.50	Above/ Below/Par
4	Please see Item Breakup for details.				7229411.50	AT Par	7229411.50	
	<b>Description:-</b> Bridge Works							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit

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TENDER DOCUMENT**

**Tender No:** BRC-EN-BM-MPRN-BHEN-173R2

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Schedule 5 -NS ITEMS				19580459.14	Above/ Below/Par		
5	Please see Item Breakup for details.		4618523.00	AT Par	4618523.00		
	<b>Description:-</b> NS Item 1 Earthwork/blanketing in formation / cutting, and allied formation protection works like construction of Toe wall, retaining wall, drains, pitching etc.						
6	Please see Item Breakup for details.		2706298.14	AT Par	2706298.14		
	<b>Description:-</b> Hiring and commissioning of static/movable/tractor operated diesel pump of 8 HP and 20HP capacity for dewatering of accumulated water, including sufficient length of suction and delivery pipe. The rate includes cost of all labour, watch & work 24x7, T&P, C&P (except diesel) maintenance of pump etc. The rate also includes cost of x-ing track,nallah, road or any other obstruction to be met with. Note: The pumps should be capable of pumping out silty/muddy water also. Nothing will be paid separately on account of dewatering muddy/silty water.						
7	3	2.00	Kilometre	3103400.00	6206800.00	AT Par	6206800.00
	<b>Description:-</b> Modular weldmesh fencing of Height 1.8m as per the specification along with civil work erection						
8	4	20962.15	Sqm	288.56	6048838.00	AT Par	6048838.00
	<b>Description:-</b> Providing and applying one coat Epoxy Phenolic IP Net (Inter Penetrating Polymer Network IPN) of DFT 50 micron and two coats of Epoxy phenolic coating of DFT 100 micron of approved shade at concrete surfaces exposed to atmosphere in superstructure including cost of material, labour, transportation, scaffolding and prepare the surface by cleaning, washing, brushing, sand/grit blasting etc. complete and as directed by Engineer and as per specification. (Paint shall be got approved from Enginner and tested from approved laboratory) Specifications, Application, surface preparation, coating thickness, material acceptance criteria should be as per Literature on Corrosion protection in Concrete Structures BS-88R August 2018 by RDSO.						

**3. ITEM BREAKUP**

Schedule	Schedule 1-Building Works					
Item- 1	Building Works					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Execution of all items in CPWD DSR 2021 Chapter-1: Carriage of materials & CPWD DSR 2021 Chapter-2: Earthwork	Lumpsum	1.00	859683.72	859683.72
2	2	Execution of all items in CPWD DSR 2021 Chapter-4: Concrete Work & CPWD DSR 2021 Chapter-5: Reinforced Cement Concrete	Lumpsum	1.00	10578412.60	10578412.60
3	3	Execution of all items in CPWD DSR 2021 Chapter-10: Steel Work	Lumpsum	1.00	10578412.60	10578412.60
4	4	Execution of all items in CPWD DSR 2021 Chapter-13: Finishing	Lumpsum	1.00	8263204.71	8263204.71
5	5	Execution of all items in CPWD DSR 2021 Chapter-14: Repairs to Building & CPWD DSR 2021 Chapter-19: Drainage	Lumpsum	1.00	1204892.39	1204892.39
6	6	Execution of all items in CPWD DSR 2021 Chapter-17: Sanitary Installation & CPWD DSR 2021 Chapter-18: Water Supply	Lumpsum	1.00	1004276.32	1004276.32
7	7	Execution of all items in other Chapters of CPWD DSR 2021 not included above	Lumpsum	1.00	5289206.31	5289206.31
					<b>Total</b>	<b>37778088.65</b>
Schedule	Schedule 2-Road Works					
Item- 2	Road Works					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Execution of all items in CPWD DSR 2021 Chapter-16: Road Work	Lumpsum	1.00	14851205.17	14851205.17
					<b>Total</b>	<b>14851205.17</b>
Schedule	Schedule 3-Horticulture & Landscaping Items					
Item- 3	Horticulture & Landscaping Items					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

**WDFC FIELD UNIT-VADODARA-CIVIL/WDFC  
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1	3	Execution of all items in Chapter-1 to Chapter-10: DSR 2021 (Horticulture & landscaping)	Lumpsum	1.00	1000000.00	1000000.00
					<b>Total</b>	<b>1000000.00</b>
<b>Schedule</b>	Schedule 4-Bridge Works					
<b>Item- 4</b>	Bridge Works					
<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	Repairs to sub structure and structure: Execution of all items of Chapter- No 2,3,4,5,19 and 21 i.e. Bridge related Works of Western Unified Standard Schedule of Rates -2021	Lumpsum	1.00	7229411.50	7229411.50
					<b>Total</b>	<b>7229411.50</b>
<b>Schedule</b>	Schedule 5 -NS ITEMS					
<b>Item- 5</b>	NS Item 1 Earthwork/blanketing in formation / cutting, and allied formation protection works like construction of Toe wall, retaining wall, drains, pitching etc.					
<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	Earthwork in filling in embankment , guide bunds, around buried type abutments, bridge gaps, trolley refuges, rain bunds, if provided, platforms etc. with earth, suitable for embankment as per RDSO latest Specifications and guidelines GE: G-14 of Soil Quality embankment as per RDSO latest Specifications and guidelines GE: G-14 of Soil Quality Class SQ1, excavated from outside railway boundary entirely arranged by the contractor at his own cost including all leads, lifts, ascents, descents, crossing of nallahs or any other obstructions. The item shall include demarcation and setting out of profile, site clearance, removing of shrubs, roots of vegetations growth, heavy grass, benching of existing slope of old bank, all handling/re-handling, spreading in layers with motor grader, bringing the moisture content to OMC, mechanical compaction to specified density and dressing of bank to final profile as a complete job. The payment shall be made as per finished profile and the rate shall include all costs including taxes, octroi, royalty etc. except for mechanical compaction which shall be paid extra under relevant item. Cut trees shall be property of railways and to be deposited in the railway godown unless specified otherwise in the Special Conditions of Contract.	cum	1000.00	455.80	455800.00

**WDFC FIELD UNIT-VADODARA-CIVIL/WDFC  
TENDER DOCUMENT**

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2	2	Earthwork in filling in embankment , guide bunds, around buried type abutments, bridge gaps, trolley refuges, rain bunds, if provided, platforms etc. with earth, suitable for embankment as per RDSO latest Specifications and guidelines GE: G-14 of Soil Quality Class SQ2, excavated from outside railway boundary entirely arranged by the contractor at his own cost including all leads, lifts, ascents, descents, crossing of nallahs or any other obstructions. The item shall include demarcation and setting out of profile, site clearance, removing of shrubs, roots of vegetations growth, heavy grass, benching of existing slope of old bank, all handling/rehandling, spreading in layers with motor grader, bringing the moisture content to OMC, mechanical compaction to specified density and dressing of bank to final profile as a complete job. The payment shall be made as per finished profile and the rate shall include all costs including taxes, octroi, royalty etc. except for mechanical compaction which shall be paid extra under relevant item. Cut trees shall be property of railways and to be deposited in the railway godown unless specified otherwise in the Special Conditions of Contract. Note: Payment under this item shall be made only upto the thickness as approved by Engineer in Charge. Any additional thickness executed shall be paid under the item of Earthwork in filling in embankment for Soil Quality Class SQ1.	cum	500.00	491.03	245515.00
3	3	Extra for mechanical compaction of soil in embankment with contractor's rollers of suitable capacity, type and size to achieve specified density as per specification, testing as per IS codes including cost of water, T&P, consumable and all labour as a complete job. The work is to be executed as per Latest edition of "Guidelines for Earthwork in Railway Projects" issued by RDSO, Lucknow.	cum	1500.00	40.89	61335.00

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TENDER DOCUMENT**

**Tender No:** BRC-EN-BM-MPRN-BHEN-173R2

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4	4	Providing of Blanketing over finished formation as per latest RDSO specifications and procedures by supplying materials of approved quality, spreading in layers not exceeding in 30cm in thickness in loose conditions and leveling by motor grader and compacting by vibro roller of required capacity upto desired degree of compaction, finishing to correct profile with all lead and lift, complete in all respect to the satisfaction of the Engineer-in Charge. Rate includes all labour, material, tools, plants, machinery, testing equipment, testing charges, taxes, Royalties, Octroi etc. and all other incidental charges including compaction. Note:( i) The work shall be carried out as per RDSO Guidelines and specifications for Design of Formation for Heavy Axle Load (Report No. RDSO/2007/GE: 0014 of November, 2009) for mechanically produced blanketing material for Railway Formation. (ii) The Quality Control tests as prescribed vide RDSO/2007/ GE:0014 with up-to-date amendment shall be arranged at site by the Contractor, for which no separate payment will be made. (iii) The tenderer is requested to go through specifications of blanketing material as per GE-0014 RDSO specifications. The blanketing material is expected to be manufactured in quarry/ site with pug mill type blender from stone crushed material of required quality as per specification with the grading falling in the enveloping curve. The rate includes the CBR tests, Los Angels Abrasion test, Impact tests, Atterberg limits, Grain size analysis, MDD and all quality tests as per specifications to be carried as per the laid down frequency on blanketing material/ compacted finished blanket surface. (iv) Measurement will be made on finished profile after compaction	cum	300.00	2599.71	779913.00
5	5	Turfing / planting, including all lead & lift and watering as required until properly rooted with. Note Initially payment of only 40% will be made. Balance 60% will be paid only after 3 months of maintenance period, if the turfing is properly rooted. Turfing with sods, 10cm thick and 20cm square closely laid	Sqm	2000.00	154.12	308240.00
6	6	Turfing / planting, including all lead & lift and watering as required until properly rooted with. Note Initially payment of only 40% will be made. Balance 60% will be paid only after 3 months of maintenance period, if the turfing is properly rooted. Turfing with planted doob grass	Sqm	5000.00	68.82	344100.00

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7	7	Supplying & Fixing of Erosion Control Geomat (for Surficial Erosion Control) Consisting of 2 layers of Polymeric netting having aperture size 20mmx20mm maximum and middle layer of Coir as per specification of work including dressing of slopes to proper profile & moving loose rubbles, muck and leading to the point as directed by the Engineer In charge. Profile for laying of Geomat Anchoring in top anchor trench, seaming of adjacent panel of Geomat with HDPE twine, fabrication, fixing of Pin on Slope/Berm including top of Cutting for anchoring of Geomat as per approved scheme and providing of grass sods/seeds and placing over Geomat so as to completely cover including watering for 3 months with all labour, tools and materials along with lead lift etc Complete.	Sqm	3000.00	308.14	924420.00
8	8	Surface dressing and preparation of slope of embankment & Repair of ccess/slope of formation by cutting/filling to achieve required level and slopes, compaction as per guide line including removing vegetations and inequalities, a n d disposal of Rubbish /Organic material lead up to 50m and lift up to 1.5m The rate inclusive of cost of required materials, labours,, equipment, plants, machineries, tools, manufacturing, curing , handling, loading, transportation, fuel, lead lift , unloading, laying, aligning, levelling, joining, testing & commissioning etc.	Sqm	10000.00	39.22	392200.00
9	9	Side Slope Compaction of Earth & blanket on the existing formation, with contractors own roller, machinery, equipment, labours, fuels tools & plants etc complete.	Sqm	10000.00	110.70	1107000.00
					<b>Total</b>	<b>4618523.00</b>
<b>Item- 6</b>	Hiring and commissioning of static/movable/tractor operated diesel pump of 8 HP and 20HP capacity for dewatering of accumulated water, including sufficient length of suction and delivery pipe. The rate includes cost of all labour, watch & work 24x7, T&P, C&P (except diesel) maintenance of pump etc. The rate also includes cost of x-ing track,nallah, road or any other obstruction to be met with. Note: The pumps should be capable of pumping out silty/muddy water also. Nothing will be paid separately on account of dewatering muddy/silty water.					
<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	8 HP Pump for 3 month each year	Each/month	48.00	40027.26	1921308.48
2	2	20 HP Pump for 3 month each year	Each/month	6.00	44563.61	267381.66
3	3	Extra for fuel consumption 8 HP Pump	Each/month	1440.00	215.67	310564.80
4	4	Extra for fuel consumption 20 HP Pump	Each/month	720.00	287.56	207043.20
					<b>Total</b>	<b>2706298.14</b>

**4. ELIGIBILITY CONDITIONS**

**Special Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender Document	No	No	Allowed (Mandatory)

**Special Technical Criteria**

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1	As per tender Document	No	No	Allowed (Mandatory)

**5. COMPLIANCE**

**Check Lst**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender Document	No	No	Not Allowed

**Commercial-Compliance**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

**General Instructions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender Document	No	No	Not Allowed

**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender Document	No	No	Not Allowed

**Technical-Compliances**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender Document	No	No	Allowed (Mandatory)

**Undertakings**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender Document	No	No	Not Allowed

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	TenderDocTenderNo.BRC-EN-BM-MPRN-BHEN-173R2dt14.12.2024_1.pdf	Tender Document

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

**Signed By:** RAJESH VIDHYADHAR MISHRA

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**Designation :** DYCPM/ENGG