



बिहार BIHAR

Treasury Officer

11 SEP 2023

क्र. १ दिनांक ११/०९/२३
मुद्रांक का मूल्य १०००/-
शेता का नाम एवं पता
५९०५ २३/१/२३
६९९९३९/६९९९३९
५९९९३९/६९९९३९
२९९९३९/६९९९३९

AR 296049

AGREEMENT FORM

Agreement No : 06 /M.B.D./M/R -2023-24

This Agreement, made the 08th day October 2023 between The Executive Engineer, Rural Works Department, Works Division Piro (Bhojpur) and Dhanlaxmi Contructions Private Limited., At-Bihari Mill, East Railway Gumti, Po-Ara, Ps-Ara Nawada, Dist-Bhojpur.

Whereas the Employer is desirous that the Contractor execute Construction of Road From Repair T04 To Sedahan Piro to Bihta, Packg. No-(MR-N/22-23 Piro/04) Tender ID-124128 [and maintenance for five years under M/R for 2023-24 and the Employer has accepted the Bid by Contractor for the execution and completion of such works and the remedying of any defects therein at a cost of Rupees 3,98,58,547.00 (Rupees Three Crore Ninty Eight Lacs Fifty Eight Thousand Five Hundred Forty Seven Only).

Amount Of Estimated Cost	:-	Rs. 4,42,87,275.00
Amount of Agreement Rs	:-	Rs. 3,98,58,547.00
Construction Value	:-	Rs. 2,94,96,010.00
Maintenance Amount:-		Rs. 1,03,62,537.00
Date of Written order to Commence	:-	08-10-2023
Time of Completion	:-	07-07-2024
Approved Rate of which Payment	:-	Below 10.00 % From Schedule rate will be made.

[Signature]

[Signature]
Executive Engineer

RWD Works Division Piro

03-10-23

3-10-23

Percentage BoQ

Tender Inviting Authority: Engg-in Chief RWD Patna

LENGTH - 11.000KM

Name of Work: T04 SEDHAN PIRO BIHTA

BLOCK - TARARI

Contract No: Civil Workal

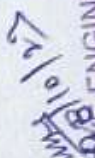
Name of the Bidder/
Bidding Firm
/ Company :

PRICE SCHEDULE
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
Sl. No.	Item Description	Quantity	Units	Estimated Rate					
1	2	4	S	6				54	55
1	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201.1 and direction of E/I	4.40	Hect	72697.86				319870.55	INR Three Lakh Nineteen Thousand Eight Hundred & Seventy and Paise Fifty Eight Only


EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
DIV. PIRO
 3-10-23

Executive Engineer
Rural Works Department
Works Division, Piro


EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
DIV. PIRO

Approved as Correct

S.E.
 4.10.23
 W.D. Works Circle

Tshk 5/2

2	Construction of Subgrade and Earthen Shoulders Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with load upto 1000 m as per Technical Specification Clause 303.1. (having CBR not less than 5%)	3712.50	Cum	262.95 249.04	976201.88 924561.00	INR Nine Lakh Twenty Four Thousand Five Hundred & Sixty One Only
3	Granular Sub-base with Well Graded Material (Table 400.1) Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	345.34	Cum	2554.36 2452.03	882122.68 848510.74	INR Eight Lakh Forty Eight Thousand Five Hundred & Ten and Paise Seventy Four Only
4	3) WBM Grading 3 With Stone Screening Providing, laying, spreading and compacting mechanically crushed stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening/binding material to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.	772.84	Cum.	45977.84 4813.40	3847073.84 3719888.06	INR Thirty Seven Lakh Nineteen Thousand Nine Hundred & Eighty Eight and Paise Six Only
	Prime Coat Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 kg/sqm using mechanical means as per Technical Specification Clause 406.	10304.58	Sqm	60.78	626312.37	INR Six Lakh Twenty Six Thousand Three Hundred & Twelve and Paise Thirty Seven Only

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473

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6	Tack Coat Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503.	51907.08	Sqm	20.86	1084033.29	INR Ten Lakh Eighty Four Thousand & Three and Paise Twenty Nine Only
7	Mix Seal Surfacing Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type-B) aggregates using penetration grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 8-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 509.	10304.68	Sqm	232.25 231.25	2393238.71 2408543.29	INR Twenty Four Lakh Three Thousand Five Hundred & Forty Three and Paise Twenty Nine Only
8	Semi-Dense Bituminous Concrete Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects.	1041.66	Cum	13259.60 14492.23	14331448.96 15084527.08	INR One Crore Fifty Lakh Ninety Four Thousand Five Hundred & Twenty Seven and Paise Eight Only Approved as Corrected S.E.
	Kilometre Stone Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 1703	2.00	Each	5516.79	11033.58	INR Eleven Thousand & Thirty Three and Paise Fifty Eight Only S.W.D. Works Circle
	(i) 5th km stone	10.00	Each	2803.50	28035.00	INR Twenty Eight Thousand & Thirty Five Only
	(ii) Ordinary Kilometre Stone (Precast)	44.00	Each	794.10	34940.40	INR Thirty Four Thousand Nine Hundred & Forty and Paise Forty Only

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12	Retro-Reflectorised Traffic Signs: Providing and fixing of retro-reflectorised cautionary, mandatory and informative sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 (i) 60 cm equilateral triangle	4.00	Each	4224.30	16897.20	INR Sixteen Thousand Eight Hundred & Ninety Seven and Paise Twenty Only
13	(ii) 60 cm circular	9.00	Each	4145.74	37311.66	INR Thirty Seven Thousand Three Hundred & Eleven and Paise Sixty Six Only
14	(iii) 600 mm x 450 mm rectangular	9.00	Each	4006.79	36061.11	INR Thirty Six Thousand & Sixty One and Paise Eleven Only
15	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface & Concrete Surface. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes.	2200.00	Sqm	825.76	1816650.00	INR Eighteen Lakh Sixteen Thousand Six Hundred & Fifty Only

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16	Providing and fixing of typical MMGSY Informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.5 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tube posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1 Citizen Information Board Maintenance Board	2.00	Each	10753.68	21507.36	INR Twenty One Thousand Five Hundred & Seven and Paise Thirty Six Only
17	Guard stones/boundary stones/guardrails Guard stones/boundary stones/guardrails Painting, guard stones, boundary stones and guardrail	24.00	Each	677.84	16268.16	INR Sixteen Thousand Two Hundred & Sixty Eight and Paise Sixteen Only
18	Planting of tree & there maintenance for one Year Planting of tree by the road side (Avenue Tree) in 0.6 m dia holes, 1 m deep dug in the Ground, Mixing the soil with decayed farm yard/ slug manure, planting the saplings back filling the trench, watering, fixing the tree guard & maintain the Plant for One Year.	440.00	Each	1201.50	528660.00	INR Five Lakh Twenty Eight Thousand Six Hundred & Sixty Only
19	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	40.32	Sqm	194.97	7861.19	INR Seven Thousand Eight Hundred & Sixty One and Paise Nineteen Only
20	Brick Masonry in C.M.(1:3) in parapet Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4	5.76	cum	6709.57	38647.12	INR Thirty Eight Thousand Six Hundred & Forty Seven and Paise Twenty Only

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EXECUTIVE ENGINEER

RURAL WORKS DEPARTMENT

M. K. P. O. P. R. O.

3.18.23

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EXECUTIVE ENGINEER

Rural Works Department

M. K. P. O. P. R. O.

21	Painting Two Coats on New Concrete Surfaces Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	52.80	Cum	127.25	6720.38	INR Six Thousand Seven Hundred & Twenty and Paise Thirty Eight Only
22	Type B (First Class) Bedding Laying (First Class) bedding on well compacted sand, moorum or approved granular material as per Clause 1105 (i)	4.50	Cum	656.72	2955.24	INR Two Thousand Nine Hundred & Fifty Five and Paise Twenty Four Only
23	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	30.02	Cum	383.28	11506.07	INR Eleven Thousand Five Hundred & Six and Paise Seven Only
24	Providing M15 (PCC 1:2.5:5) as levelling course in foundation :- Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	3.31	Cum	650.437	21659.55	INR Twenty One Thousand Six Hundred & Fifty Nine and Paise Fifty Five Only
25	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (M15)	18.21	Cum	7521.35	136964.33	INR One Lakh Thirty Six Thousand Nine Hundred & Sixty Four and Paise Thirty Three Only
26	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.	30.00	RM	2582.97	77489.10	INR Seventy Seven Thousand Four Hundred & Eighty Nine and Paise Ten Only Approved as Corrected
27	Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling concrete and masonry works in head walls and parapets as per clause 1106	7.50	M	3225.71	24215.33	INR Twenty Four Thousand Two Hundred & Fifteen and Paise Thirty Three Only S.E.
28	GST @ 18% OF TOTAL COST	1.00	Rs	4920423.33 5031421.66	4920423.33 5021421.66	INR Fifty Lakh Twenty One Thousand Four Hundred & Twenty One and Paise Sixty Six Only
29	LABOUR CESS @ 1% OF TOTAL COST Executive Engineer Rural Works Department Works Division, Piro	1.00	Rs	270158.94 278967.87	270158.94 278967.87	INR Two Lakh Seventy Eight Thousand Nine Hundred & Sixty Seven and Paise Eighty Seven Only S.E.

EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
H.S. DIV. PIRO
3-11-23

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30	Seigniorage Fee @ 10 % OF TOTAL COST	1.00	Rs	247077.94	247077.94	INR Two Lakh Forty Seven Thousand & Seventy Seven and Paise Ninety Four Only
31	5th Year Maintenance	20.00	Quarterly	483040.90 476902.60	960943.50 953805.20	INR Ninety Five Lakh Thirty Eight Thousand & Fifty Two Only
32	GST @ 18% OF TOTAL COST	1.00	Rs	1736547.24 1716847.36	1736547.24 1716849.36	INR Seventeen Lakh Sixteen Thousand Eight Hundred & Forty Nine and Paise Thirty Six Only
33	LABOUR CESS @ 1 % OF TOTAL COST	1.00	Rs	96608.18 95384.52	96608.18 95380.52	INR Ninety Five Thousand Three Hundred & Eighty and Paise Fifty Two Only
34	Seigniorage Fee @ 10 % OF TOTAL COST	1.00	Rs	1755670	17556.70	INR Seventeen Thousand Five Hundred & Fifty Six and Paise Seventy Only
Total in Figures				4428770.68 44812035.24		Four Crore Forty Eight Lakh Twelve Thousand & Thirty Five and Paise Twenty Four Only
Quoted Rate in Figures			Select	0.00		INR Zero Only
Quoted Rate in Words				INR Zero Only		

Rs 4428775.00

Executive Engineer
Rural Works Department
Works Division, Piro

Bill of Quantity approved for Rs 44,28,775.00
Approx Four crore Forty Two Lac Eighty
Seven Thousand Two Hundred seventy Five Only

Supervising Engineer
Rural Works Department
Works Circle ARA

10.05.23
20/10/23
EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
DW. PIRO
3.10.23

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