



D.O. Completion- 28.2.2021

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.

Standard Bidding Document

2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the Contract.

3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and remedying the defects within the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

- i) Letter of Acceptance;
- ii) Notice to Proceed with the works;
- iii) Contractor's Bid;
- iv) Contract Data;
- v) Special Conditions of Contract and General Conditions of Contract;
- vi) Specifications;
- vii) Drawings;
- viii) Bill of Quantities; and
- ix) Any other document listed in the Contract Data as forming part of the Contract.

In witness whereof, the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of _____

was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said _____

in the presence of:

Binding Signature of Employer _____

Binding Signature of Contractor _____

M/S MAJALA CONSTRUCTION

PARTNER

Executive Engineer
R.W.D. Works Division

Praveen Simabakhtiyarpur
30/6/22

MR-3054

BILL OF QUANTITY-(BOQ)-REVISED

Name of Road:- PAHARPUR TO KISHANPUR

Length:- 1.450 KM.

Block:- PATARGHAT

District:- SAHARSA

Sl No.	Description	Unit	Qty.	Rate	Amount
1	2	3	4	5	6
1	WBM Grading 3 :-Providing, laying, spreading and compacting 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 to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.	Cum	259.77	3423.17	889236.87
2	Prime Coat (Low Porosity) :-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	Sqm	3463.60	42.63	147653.27
3	Mix Seal Surfacing (Type B) BITUMINOUS (S-90) By Mechanical Means (Waste Plastic) :-Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 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	Sqm	3463.60	193.14	668959.70
4	Tack Coat :-Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.3 kg per sqm on the prepared bituminous surface cleaned with Hydraulic	Sqm	3463.60	14.44	50014.38
5	Bituminous Macadam :-Providing and laying bituminous macadam with 100-120 TPH hot mix plant producing and average output of 75 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required	Cum	274.59	8102.11	2224758.38
	Box Culvert				
67	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	306.62	260.59	79902.11
8	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-18 Grade	Cum	16.90	5760.50	97352.45

Executive Engineer
R.W.D. Works Division
Patarghat, Saharsa

Executive Engineer
R.W.D. Works Division
Patarghat, Saharsa

Approved as Corrected
S.E.
R.W.D. Works, Circle, Saharsa

Sl. No.	Description	Unit	Qty.	Rate	Amount.
1	2	3	4	5	6
9	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-15 Grade	Cum	67.88	5760.50	391022.74
10	Supplying, fitting and placing HYSD bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202	MT	0.48	52975.10	25322.10
11	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 PCC M-20 Grade	Cum	32.98	6554.64	216172.03
12	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7	Nos.	84.00	216.40	18177.60
13	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 RCC M-25 Grade	Cum	32.88	6754.78	222097.17
14	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	MT	3.28	53113.92	174213.66
15	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 (With Sandy Materials)	Cum	55.02	3650.35	200842.26
16	Providing and laying filter media with granular crushed aggregates as per specification to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and providing over the entire surface behind abutment, wing wall, return wall to the full height, compacted to firm condition	Cum	36.14	2983.18	107812.13
17	Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 RCC M-30 Grade	Cum	15.36	7842.10	120454.66
18	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	MT	1.32	54136.09	71459.64
19	Parapet Construction Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 RCC M-20 Grade	Cum	8.46	6554.64	55452.25

Executive Engineer,
R.W.D. Works Division
Bhaktiyarpur

Executive Engineer -
R.W.D. Works Division
Bhaktiyarpur
30/6/22
Approved as Corrected
S.E.
R.W.D. Works, Circle, Saharsa
10.05.22

Sl.	Description	Unit	Qty.	Rate	Amount.
1	2	3	4	5	6
20	Painting on Parapet Wall (Black & White Strips) 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	Sqm	58.24 ✓	95.63 ✓	5569.49 ✓
21	Drainage spouts complete as per drawing and technical specifications Clause 1209	Nos.	8.00 ✓	203.02 ✓	1624.16 ✓
22	Providing and laying cement concrete wearing course M 30 grade including reinforcement complete as per drawing and technical specifications Clauses 800 and 1206.3	Cum	2.96 ✓	11283.60 ✓	33444.59 ✓
23	Approach slab(M 30) : Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 RCC M-30 Grade	Cum	25.20 ✓	7842.10 ✓	197620.92 ✓
					5999162.55 ✓
				GST @12% =	719899.51 ✓
				Labour Cess 1%=	59991.63 ✓
				Total=	6779053.68 ✓

Say = Rs. 67,79,053.00

Construction Cost Rs. 67,79,053.00
5 years Maintenance Cost Rs. -----

total Amount of B.O.O. Rs. 67,79,053.00

Executive Engineer
R.W.D. Works Division
Saharsa

BOB approved for Rs. 67,79,053.00 (Rupees Sixty Seven lakh Seventy Nine thousand & fifty three) only.

Approved as Corrected

S.E.
R.W.D. Works, Circle, Saharsa
12.05.22

Executive Engineer
R.W.D. Works Division
Saharsa
30/6/22

MR-3054
BILL OF QUANTITY-(BOQ)-REVISED

Name of Road:- **PASTPAR NH106 TO THARI PANCHAYAT BORDER VIA BELDARI**

Length:- **1.810 km.**

Block:- **PATARGHAT**

District:- **SAHARSA**

			Qty.	Rate	Amount
1	2	3	4	5	6
1	WBM Grading 3 :- Providing, laying, spreading and compacting 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 to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.	Cum	325.37 ✓	3404.12 ✓	1107598.52 ✓
2	Prime Coat (Low Porosity):- 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 502	Sqm	4338.34 ✓	42.63 ✓	184943.43 ✓
3	Mix Seal Surfacing (Type B) BITUMINOUS (S-90) By Mechanical Means (Waste Plastic):- Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 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	Sqm	4338.34 ✓	192.79 ✓	836388.57 ✓
4	Tack Coat:- Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.3 kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503.	Sqm	4338.34 ✓	14.44 ✓	62645.63 ✓
5	Bituminous Macadam :- Providing and laying bituminous macadam with 100-120 TPH hot mix plant producing and average output of 75 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per	Cum	342.77 ✓	8083.51 ✓	2770784.72 ✓
	Box Culvert			S.E.	

Executive Engineer
R.W.D. Works Division
Simri Bakhtiyarpur

Approved as Corrected
R.W.D. Works, Circle, Saharsa
12.05.22

Executive Engineer
R.W.D. Works Division
Simri Bakhtiyarpur
30/6/22

			Qty.	Rate	Amount
1	2	3	4	5	6
6	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	223.42	260.59	58221.02
7	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-15 Grade	Cum	15.84	5744.24	90988.76
8	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-15 Grade	Cum	66.80	5744.24	383715.23
9	Supplying, fitting and placing HYSD bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202	MT	0.32	52975.10	16952.03
10	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 PCC M-20 Grade	Cum	32.50	6537.43	212466.48
11	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete	Nos.	72.00	216.40	15580.80
12	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 RCC M-25 Grade	Cum	20.04	6737.56	135020.70
13	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	MT	2.02	53113.92	107290.12
14	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 (With Sandy Materials)	Cum	68.58	3637.53	249461.81
15	Providing and laying filter media with granular crushed aggregates as per specification to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and providing over the entire surface behind abutment, wing wall, return wall to the full height, compacted to firm condition complete as per drawing and technical specification Clause 1204.3.8	Cum	39.64	2967.42	117628.53

Executive Engineer
R.W.D. Works Division
Saharsa

Executive Engineer,
R.W.D. Works Division
Saharsa

Approved as Corrected
S.E.
R.W.D. Works, Circle, Saharsa
12.05.22

			Qty.	Rate	Amount
1	2	3	4	5	6
16	Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 RCC M-30 Grade	Cum	8.76 ✓	7824.89 ✓	68546.04 ✓
17	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	MT	0.76 ✓	54136.09 ✓	41143.43 ✓
18	Parapet Construction Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (M20)	Cum	8.02 ✓	6537.43 ✓	52430.19 ✓
19	Painting on Parapet Wall Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per	Sqm	55.30 ✓	95.63 ✓	5288.34 ✓
20	Drainage spouts complete as per drawing and technical specifications Clause 1209	Nos.	8.00 ✓	203.02 ✓	1624.16 ✓
					6518663.26 ✓
				12% GST :-	782239.59 ✓
				1% Lab Cess :-	65186.63 ✓
				Total=	7366089.48 ✓

Say = Rs. 73,66,089.00

Construction Cost Rs. 73,66,089.00
5 years Maintenance Cost Rs. -----

total Amount of B.O.O. Rs. 73,66,089.00

B.O.O. approved for Rs. 73,66,089.00
(Rupees Seventy three ~~thous~~ lac Sixty six thousand & eighty nine only).

Approved as Corrected

S.E.

R.W.D. Works, Circle, Saharsa

Executive Engineer
R.W.D. Works Division
Pras Simribakhtiyarpur
30/6/22

12.05.22

30/6/22