

**Name of Work : Const. of Road From Bidhupur Raja Pakar Road Ke
Dihwarni Asthan To Randha Road
In Hajipur Block. Under 3054 New Maint. Policy 2018**

**Name of Agency :- Arun Kumar Singh
VIII.-Bajitpur Malahi, P.O- Bidupur, Dist-Vaishali**

BIHAR PUBLIC WORKS DEPARTMENT

[Form F-2]

ITEM RATE TENDER AND CONTRACT FOR WORKS

Agreement No. 27/F2/MK/2022-23

General Rule and Directions for the guidance of Contractors.

Date of Written Order:- 25-05-22

Date of Completion of Work :- 24-12-23

1. All works proposed for execution by contract will be notified in of from invitation to tender posted on a board hung up in the office of and signed by the subdivision office Executive Engineer.

This notice will states the works to be carried out the items and approximate quantity there of as well as the date for submitting and opening tender also the amount of earnest money to be deposited and the amount of the security deposit to be deposited by the successful tenderer and the percentage any to deposited from bills. Copies of the specifications, designs and drawings and any other documents required in connection with the submission of tender signed (for the purpose of identification by the Sub-divisional Officer/Executive Engineer during office hours.

2. In the event of the tender being submitted by firm it must be signed separately by each member there or in the event of the absence of any partner, it must be signed on his behalf by a person holding as power-attorney authorising to do to.

3. Receipts for payments made on account of works when executed by a firm must also be signed by the several partners except where the contractors are described in the their as a firm with case the receipt must signed in the name of the firm be one of the partners, or by sold other person having authority to give effectual receipts of the firm.

4. The memorandum of work tendered for and the memorandum of materials to be supplied by the public work Department and their issue rates shall be filled and completed in the office of the sub-divisional office Executive Engineer before the tender form is issued if a team is issues to an intending tender without having been 15 filled in and completed he shall request the office the have this done before he completes and delivers his tender.

5. The amount of earnest money to be deposited with by-	Rs.
If the amount of the estimate does not exceed Rs. 2000	50
If the amount of the estimate exceed Rs. 2000 bpt does not exceed Rs. 5000	100
If the amount of the estimate exceed Rs. 5000 bpt does not exceed Rs. 10,000	200
For each additional Rs. 5000 or Portion of Rs. 5000 additional earnest money	100

6. Any person who submits a tender shall fill up the usual printed form standing at what rate he is willing to undertake each item of the work. Incomplete tender and tender which propose any alternation in the work specified in the said form of invitation to tender or which contain any others conditions of any sort or omit to not the time within which the works can be finished or which or not accompanied by a treasury challan for the required earnest money will be liable to rejection. Nos single tender shall include more than one work, but contractors who wish to tender for two or more work shall include more work shall submit a separate tender for each. Tender shall bear the name of the contractor.

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Signature of
P.W.D. Vaishali
District Engineer

they refer written outside the envelope. Cash deposit for earnest money have in before mentioned shall be made in Government Treasuries and the challan there of should be enclosed with the tender.

7. The Engineer or his duly authorised assistant will open the tender in the presence of any intending contractors who may be present at the time and will enter the amounts of the several tenders in comparative statements in a suitable form. In the event of a tender being rejected the challan for the an earnest money forwarded there with shall there upon be returned to the tenderer with a pay order for the amount of the earnest money.

8. The Engineer shall have the right of rejecting all or any of the tenders.

9. In the event of a tender being selected for acceptance the Engineer who opened the tender will be competent to accept the tender inform the tenderer of the selected tender who shall there upon sign copies of the specification and other documents mentioned in rule 1 and 4 for the purpose of identification and for his acceptance with the tender. The tenderer of the selected tender shall also deposit the required amount of the security money with in the prescribed time if the tenderer fails to deposit the required amount of the security money within the prescribed time the Engineer may reject the tender.

If the Engineer is not competent to accept the tender himself he will inform the tenderer of the tender which he decides to recommend for acceptance, such tenderer shall there upon sign form with copies of the specification and other documents mentioned in rules 1 and 4 and shall deposit the required amount of the security money within the prescribed time. The tender with the specification and other documents signed by the tenderer will then be forwarded for acceptance to the Engineer who is competent to accept the same if the said Engineer rejects the tender the security money deposited shall be refunded to the tenderer.

10. When a tender is selected for acceptance the tenderer shall deposit the required amount of the security money in cash the treasury and shall forward the challan to the Executive in government securities may be endorsed to the Executive Engineer in lieu of a cash deposit of the required amount of the security money has been deposited.

11. The amount of security money to be deposited in the tender whose tender is selected or acceptance shall be 10% of the estimated value of the work and towards the amount the earnest money already deposited by him shall be credited. At least half of this security inclusive of the earnest money shall be deposited by the tenderer within such time as may be notified to him in writing by the office opening the tender, failing which the tender shall be liable to rejection.

Any balance of the security money outstanding after completion of the contract with the tenderer may be made up by deductions of 5% of the amount of each payment to be made to him under clause 7 of the conditions of contract for work done under the contract.

12. When a tender has been selected for acceptance and the required amount of the security money has been deposited the Engineer shall scrutinise all page of the form of Item Rate Tender and Contractor for works to see the form has been properly filled up and signed by the contractor and the signature witnessed. He shall then if he is competent to accept the tender sign the acceptance of tender if he is not so competent shall send the form for signature of the acceptance of the officer incompetent to accept it.

TENDER FOR WORKS

I/We hereby tender for the execution for the Government of Bihar of the work specified in the under written memorandum at the rates specified there in within a period of years months from the date of written order to commence and in accordance in all respects with the specifications designs drawing. And other documents referred to rule 1 here of and subject to the annexed conditions of contract and with such condition so far as applicable.

Signature

Signature

Executive Engineer
R.W.D. - Jharkhand
Bihar

MEMORANDUM

(A) Name of work : **Const. of Road From Bidhupur Raja Pakar Road Ke Dihwarni Asthan To Randha Road In Hajipur Block, Under 3054 New Maint. Policy 2018**

(a) Estimated work items are included. They should be detailed in a separate list.

(B) Agreement cost : **₹ 48,04,581.00.00 (Forty Eight Lakh Four Thousand Five Hundred Eighty One) only**

(b) The deposit will be 5% of the estimated cost of the work.

(C) Earnest money : - **₹** _____

(D) Initial security deposits (including earnest money) to be deposited before the commencement of the work : - **₹** _____

(c) Free percentage deduction from bill will be credited to the contractor security deposit.

(E) Percentage to be deducted from bills **Rs. 5% (Rupees in percent) : 10%**

(F) Time required for the work from date of written order to commence : - **46 Days**

(G) Date of written order to commence : - **25-05-2022**

(H) Total number of item of work tendered for : - **41**

Sl No	Item of Work	Unit	Quantity		
				Rate	Amount
1	2	3	4	5	6
1.00	Clearing and grubbing road land including uprooting with vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a load of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 101.	No	0.200	50351.000	10070.2
2.00	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and loads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 103.2 with least up to 1000m as per Technical Specification clause	Cum	430.000	175.220	75584.4
3.00	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement 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. (By mix in place method) For Grading II Material	Cum	39.373	2437.500	95994.98

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Signature

Executive Engineer
R.W.D. & C.D. Division
Bihar
26-05-2022

4.00	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 2 as per Technical Specification Clause 403. WBM Grading 2 (By Mechanical Means)	Cum	43.712	5099.860	222754.6
5.00	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 403 WBM Grading 3 (By Mechanical Means)	Cum	60.581	4831.130	292828.12
6.00	Providing and applying primer coat with bitumen emulsion (20-2) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.75 to 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502.	Sqm	646.198	50.580	32551.46
7.00	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and cured with hyaline broom as per technical specification clause 503.	Sqm	3676.188	17.120	63004.13
8.00	Providing, laying and rolling of close-graded green surface material of 20 mm thickness composed of 13.2 mm to 0.075 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 503	Sqm	646.198	276.410	112250.71
9.00	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMF 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 hydraulic 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. 308 complete in all respects.	Cum	75.750	12547.440	851963.58

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Kishan

Executive Engineer
H.W.D. - 11th DIVISION
B.S. 11/11/2020

10.00	Construction of an-reinforced concrete thickness as per design on a prepared sub base with 43 grade cement or any other type as per clause 1701.2.2 M 30 grade coarse and fine aggregate maximum size of aggregate not exceeding 25mm, mixed in a concrete of not less than 0.2cum capacity and appropriate weigh batches using approved mix design, laid in approved fixed side formwork (steel channel, jacking and fixing of 125 mm thick plywood film, wedges, steel plates including leveling the formwork as per drawing) spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strip, primer, sealant, dowel bars, near approaches to bridge/ culvert and construction joints, admixtures as approved, curing of concrete slab for 14 days curing compound (where specified) and water finishing to base and grade as per drawing and Technical specification clause 1702.	Cum	121.300	7504.150	909931.98
11.00	Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC-8 fixing in position including painting and grouting, etc as per drawing and technical specification clause 1701. in km stone	No	1.000	1500.000	1500.12
12.00	Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC-8 fixing in position including painting and grouting, etc as per drawing and technical specification clause 1701. in 100 m stone	No	4.000	701.370	2813.48
13.00	Providing and fixing of retro-reflectarised 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 a) 600 mm equilateral & triangle,	No	4.000	3426.670	13746.68
14.00	Providing and fixing of retro-reflectarised 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 801a) 900 mm circular.	No	1.000	4513.120	4513.24
15.00	Providing and fixing of retro-reflectarised 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 a) 900 mm x 450 mm rectangular,	No	2.000	4408.010	8816.1

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14/04/2020

Examined
P.W.D. DIVISION
14/04/2020

16.00	Reinforced cement concrete M15 grade boundary pillars/total stone of standard design as per IRC-35, fixed in position including finishing and lettering but excluding painting as per drawing and technical specification Clause 1704	No.	15.000	525.280	7879.2
17.00	Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/silage manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one	Each	40.000	840.120	31604.8
18.00	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.	Sqm	160.000	668.670	106907.2
19.00	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.	sqm	8.000	668.670	5349.36
20.00	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.	Sqm	40.000	744.950	29798
21.00	Providing and fixing of typical MMGSY Informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 2.8 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 3mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 3 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 400mm, 400mm 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 enamelled 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 1705.1	No.	1.000	11311.770	33985.31
22.00	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of slumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material.	Cum	129.120	265.180	34240.06
23.00	Providing concrete for plain/reinforced concrete (M-10) in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	Cum	31.420	6464.180	136397.02
24.00	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M15	Cum	24.520	6072.520	148837.47

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25/07/2022

Executive Engineer
RWD DIVISION
BTL
25/07/2022

25.00	Providing and Laying Reinforced Cement Concrete Flyer 800 mm dia. as per design in Single Row	M	7.300	5886.790	44150.90
26.00	Providing concrete for plain/reinforced concrete (M-20 Nominal Mix 1:2:4) in open foundations complete as per drawings and technical specifications Clauses 802, 803, 1202 & 1203 Ref Partion	Cum	2.600	6729.810	17564.8
27.00	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8	Cum	41.170	668.100	41146.16
28.00	Guide Post	nos	8.000	525.380	4202.24
29.00	Laying brick setting layer on prepared sub-grade with bricks on fines, graded and construction shown on the drawing filling joints with sand and earth as per Technical Specification Clause 812	Sq.m	13.000	344.740	3671.1
30.00	Brick masonry work in cement mortar in foundation complete including pointing and plastering as per drawing and technical specifications clauses 802,1202&1203	Cum	54.300	4815.880	161001.24
31.00	Brick masonry work in cement mortar in substructure complete including pointing and plastering, as per drawing and technical specifications clauses 802,803,804,1203&1204	Cum	41.580	5028.100	104768.5
32.00	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification clauses 802,804,805,806,807,1203&1204	Cum	3.340	6963.170	24768.89
33.00	Providing & Laying reinforced cement concrete in superstructure as per drawing and technical specifications clauses 803,1203.4 and 1203.5	Cum	4.970	7871.200	39124.83
34.00	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1202,1203 and 1203 (8.30 + 4.00)	MT	1.000	81228.040	82848.52
35.00	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 structure with slope of 1(V):20(H) towards drainage face complete as per drawing and technical specification clauses 616,709,1206.1.7	Nos	22.000	188.250	1781.1
36.00	Reel Cement parson on Parapet Top	Sqm	12.580	21.800	270.88
37.00	Pipe/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 R.C.C grade M-20	Cum	1.280	8963.170	8863.86
38.00	brick masonry work in cement mortar 1:3 in parapet including pointing and plastering as per drawing and technical specifications Clauses 805, 900 and 1205.4 brick Masonry in c.m. (1:3) in parapet	Cum	8.140	3815.940	40820.8
39.00	Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 813.4 & 1208Plastering with cement mortar (1:4)	Sqm	150.420	115.340	17018.62
40.00	Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new plastered / concrete surface as per drawing and technical specification clause 1703	Sqm	40.320	94.890	3824.31
41.00					807394.00 41884.00 71790.00

Total- 4804581.00

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35/12/22

Encl: 1 Encl: 2
R W T
35/12/22

Should this tender be accepted I/We here by agree to abide by and fulfil all the terms and provisions of the said conditions of contract annexed here to so far as applicable. Or in default there of forfeit and pay to the Governor of Bihar or his successors in office the sums of money mentioned in the said conditions.

Asingh
Signature of
contractor before
communication of
tender

Dated the 25 Day of 08 2022

Witness: *Parmanand Kumar*

Address: *Govt. Supermarket
Vill - Surariya + Thana
Lalganj + Post - Jhanghachak
M.B. - Lalganj*

Occupation: *Govt. Supermarket
Mob - 91 - 8207716480*

The above tender is hereby accepted by me on behalf of the Governor of Bihar.

Dated the 25 Day of 08 2022

Acceptance Communicated on _____

Asingh

Asingh
Signature of the Party
taking the tender

CONDITIONS OF CONTRACT

Compensation

Clause 1 :- All compensation or other sums of money payable by the contractor to Government under the terms of his contract may be deducted from or paid by the sale of a which may be due or may become due to the contractor by Government on any account what so ever and in the event of his security deposit being reduced by reason of any such deduction or sale as aforesaid, the contractor shall within the days there after make good in cash or Government securities endorsed as aforesaid any sum or sums which may have been deducted from or arise by sale of his security deposit or any part thereof.

The work should not be considered finished until such date as the Executive Engineer shall certify as the date on which the work is finished after necessary rectifications of defects as pointed by the Executive Engineer or his authorized agents are fully completed with by the contractor to the Executive Engineer's satisfaction.

Clause 2 :- The time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall be reckoned from the date on which the written order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be carried on with all due diligence (time being deemed to be the essence of the contract on the part of the contractor) and the contractor shall pay as compensation an amount equal to percent on the amount of the estimated cost of the whole work as shown by the tender for every day that the work remain uncommenced or unfinished after the proper dates bound in all cases in which the time allowed for any work exceeds one month to complete one fourth of the whole of the work before one half of such time elapsed and three fourths of the work before three fourths of such time has elapsed. In the event of the contractor failing to comply with this condition, he shall be liable to pay as compensation an amount equal to 1% percent, on the said estimated cost of the whole work for every day that the due quantity work remains incomplete. Provided always that the entire amount of compensation to be paid under the provisions this clause shall not exceed 10 percent on the estimated cost of the work as shown in the tender.

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