

Tender Inviting Authority:			No. 08		
Name of Work: Construction of entrance gate and watchman's cabin at ARS, Mannuthy					
Contract No: Civil Works/					
Bidder Name:		Excess (+)			%

SCHEDULE OF WORKS

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

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
1.00	2.31 : Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared	50.00	sqm	9.88	Rupees Nine And Paise Eighty Eight Only	494.00
2.00	2.6.1 : Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil	60.00	cum	172.87	Rupees One Hundred Seventy Two And Paise Eighty Seven Only	10372.20
3.00	2.26.1 : Extra for every additional lift 1.5 m or part there of in excavation / banking excavated or stacked materials.All kinds of soil	17.00	cum	71.03	Rupees Seventy One And Paise Three Only	1207.51

4.00	4.1.8 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	3.00	cum	6146.26	Rupees Six Thousand One Hundred Forty Six And Paise Twenty Six Only	18438.78
5.00	5.2.2 : Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up tot floor five level excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3(1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	8.20	cum	9807.61	Rupees Nine Thousand Eight Hundred Seven And Paise Sixty One Only	80422.40
6.00	5.3 : Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15⁰ landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with1:1.5:3 (1 cement : 1.5 coarse sand (Zone III) : 3 graded stone aggregate 20 mm nominal size).	9.00	cum	10143.87	Rupees Ten Thousand One Hundred Forty Three And Paise Eighty Seven Only	91294.83
7.00	5.9.1 : Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	16.00	sqm	266.20	Rupees Two Hundred Sixty Six And Paise Twenty Only	4259.20
8.00	5.9.5 : Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	56.00	sqm	470.63	Rupees Four Hundred Seventy And Paise Sixty Three Only	26355.28
9.00	5.9.6 : Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	51.00	sqm	642.12	Rupees Six Hundred Forty Two And Paise Twelve Only	32748.12
10.00	5.9.20 : Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform with water proof ply 12 mm thick	43.00	sqm	682.75	Rupees Six Hundred Eighty Two And Paise Seventy Five Only	29358.25

11.00	od426/2017_2018 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete.etc Thermo - Mechanically Treated bars	1630.00	kilogram	77.68	Rupees Seventy Seven And Paise Sixty Eight Only	126618.40
12.00	60.7.1 : DRY RUBBLE MASONRY _ Dry rubble without concrete levelling course masonry with good quality blasted rubble including packing to compactness to lines and levels cost and conveyance of all materials labour charges etc. complete as per direction of Departmental officers at site	21.00	cum	2634.24	Rupees Two Thousand Six Hundred Thirty Four And Paise Twenty Four Only	55319.04
13.00	7.1.1 : Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with:Cement mortar 1:6 (1 cement : 6 coarse sand)	6.00	cum	5443.13	Rupees Five Thousand Four Hundred Forty Three And Paise Thirteen Only	32658.78
14.00	50.6.1.5 : Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x20cm or nearest available size confirming to IS 2185 Part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete	5.00	cum	5681.51	Rupees Five Thousand Six Hundred Eighty One And Paise Fifty One Only	28407.55
15.00	50.9.1.2 : Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) using good quality Pincoda wood	.05	cum	112886.55	Rupees One Lakh(s) Twelve Thousand Eight Hundred Eighty Six And Paise Fifty Five Only	5644.33
16.00	50.9.2.2 : Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, 35 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required sized with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer in-charge using Pincoda wood	1.60	sqm	3118.73	Rupees Three Thousand One Hundred Eighteen And Paise Seventy Three Only	4989.97

17.00	od344/2017_2018 : Supplying and fixing glazed MS windows with ventilators of any size made of 'Z' section of size 20 x 20 x 3 mm for outer frames and shutter frame middle vertical with J section of size 45 x 20 x 4 mm and T section for shutter pattern, 3 mm pin headed glass for glazing with glass putty clips etc and provision for steps, handles, hinges etc. and a coat of Zinc-chrome iron primer etc. complete	5.00	sqm	4005.09	Rupees Four Thousand Five And Paise Nine Only	20025.45
18.00	50.10.1 : Steel work in built up G I tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting,fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. completeSteel work in built up G I tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting,fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	108.801	kg	137.46	Rupees One Hundred Thirty Seven And Paise Forty Six Only	14955.79
19.00	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. completeSteel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	263.00	kg	111.93	Rupees One Hundred Eleven And Paise Ninety Three Only	29437.59
20.00	od336/2017_2018 : Roofing with ornamental concrete roofing tile (MONIOR) of approved size 330x420mm , colour and quality including all cost of accessories,fitting and unloading charge etc. complete as per the direction of Engineer in charge.	50.00	sqm	1229.48	Rupees One Thousand Two Hundred Twenty Nine And Paise Forty Eight Only	61474.00
21.00	od337/2017_2018 : Supplying & fixing concrete hip & ridge (MORNIOR hip and ridge) tiles of approved size , colour and quality including all cost of accessories and fixing charges etc complete as per the direction of Engineer in charge.	10.00	10 metre	467.38	Rupees Four Hundred Sixty Seven And Paise Thirty Eight Only	4673.80

22.00	13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	65.00	sqm	237.37	Rupees Two Hundred Thirty Seven And Paise Thirty Seven Only	15429.05
23.00	50.13.1 : 9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) including all cost of materials, labour charges etc complete 9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) including all cost of materials, labour charges etc complete	225.00	sqm	221.80	Rupees Two Hundred Twenty One And Paise Eighty Only	49905.00
24.00	od338/2017_2018 : Dadoing walls with best quality ornamental stone designed wall tiles (15x30cm) existing plastered surface using cement grout and pointing with suitable colored cement.	5.00	sqm	2113.78	Rupees Two Thousand One Hundred Thirteen And Paise Seventy Eight Only	10568.90
25.00	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	53.00	sqm	107.60	Rupees One Hundred Seven And Paise Sixty Only	5702.80
26.00	10.25.2 : Item Shifted to head 14 as item 14.74Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	350.00	kg	117.97	Rupees One Hundred Seventeen And Paise Ninety Seven Only	41289.50
27.00	od346/2017_2018 : Providing ornamental eve board using multi wood having thickness of 6 mm and width 150 mm including drilling and fixing the same to the position with necessary screws to the edges of roof	28.00	metre	210.60	Rupees Two Hundred Ten And Paise Sixty Only	5896.80
28.00	od339/2017_2018 : Supplying, spreading quarry waste and rolling complete including preparation of the surface.	30.00	cum	1367.30	Rupees One Thousand Three Hundred Sixty Seven And Paise Thirty Only	41019.00
29.00	od363/2017_2018 : Paving with Interlocking cabbles 80 mm or nearest thick (Standard) Minimum strength 4kg/cm2 in best quality and laid over a 6 mm broken stone 5cm thick including labour for leveling, machine compressing after laying the tile in position etc. complete	22.00	sqm	893.77	Rupees Eight Hundred Ninety Three And Paise Seventy Seven Only	19662.94
30.00	od362/2017_2018 : White cement priming coat over newly plastered surface after cleaning the surface	286.00	sqm	15.92	Rupees Fifteen And Paise Ninety Two Only	4553.12

31.00	13.47.1 : Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:New work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	286.00	sqm	132.86	Rupees One Hundred Thirty Two And Paise Eighty Six Only	37997.96
32.00	9.63.2 : Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete:200x10 mm	2.00	no	70.07	Rupees Seventy And Paise Seven Only	140.14
33.00	9.66.1 : Providing and fixing ISI marked oxidised M.S. handles conforming to IS : 4992 with necessary screws etc. complete:125 mm	2.00	no	39.25	Rupees Thirty Nine And Paise Twenty Five Only	78.50
34.00	od341/2017_2018 : Supplying and fixing 200 mm Stainless steel aldrops	1.00	each	290.40	Rupees Two Hundred Ninety And Paise Forty Only	290.40
35.00	od342/2017_2018 : Supplying and fixing best quality 65 mm brass padlock (7 levers)	3.00	each	290.40	Rupees Two Hundred Ninety And Paise Forty Only	871.20
36.00	4.1.3 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	.50	cum	7523.98	Rupees Seven Thousand Five Hundred Twenty Three And Paise Ninety Eight Only	3761.99
37.00	13.7.2 : 12 mm cement plaster finished with a floating coat of neat cement of mix:1:4 (1 cement : 4 fine sand)	4.00	sqm	293.99	Rupees Two Hundred Ninety Three And Paise Ninety Nine Only	1175.96
Total Estimated Cost in Figures						917498.52
Quoted Amount					917498.52	917499.00
Quoted Rate in Words		Rupees Nine Lakh(s) Seventeen Thousand Four Hundred Ninety Nine Only				

DIRECTOR OF PHYSICAL PLANT(i/c)