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**Percentage BoQ**

Tender Inviting Authority:

Work Name : CONSTRUCTION OF SEMI PERMANENT SHED FOR INSTALLATION OF MACHINERY FOR KVK KOTTAYAM AT KUMARAKOM

Contract No:

Bidder Name :						
<b><u>PRICE SCHEDULE</u></b> (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	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	4.00	5	6.00	54.00	55
1	SEMI PERMANENT SHED					
1	2.32 : Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	90.00	sqm	5.26	473.40	INR Four Hundred & Seventy Three and Paise Forty Only
2	60.1.2 : RING BUND Type II Putting up ring bund with earth fill gunny bags of top width 1.0m bottom width 2.0m height 2.0 m side and filling in between with earth to form ring bund and maintaining the same leak proof till the completion of the work and clearing the site by dismantling the bund after completion of the work.etc.complete.	6.00	metre	1047.94	6287.64	INR Six Thousand Two Hundred & Eighty Seven and Paise Sixty Four Only

3	60.2.3 : Bailing out water using pump above 5 HP and Up to 10 HP-Bailing out water with engine and pump set above 5HP and up to 10HP, including conveyance to site and erection, cost of fuel, lubrication oil and other stores, pay of staff etc complete	32.00	hour	305.23	<b>9767.36</b>	INR Nine Thousand Seven Hundred & Sixty Seven and Paise Thirty Six Only
4	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	28.00	cum	181.52	<b>5082.56</b>	INR Five Thousand & Eighty Two and Paise Fifty Six Only
5	51.2.3 : Filling with Quarry Muck Filling up low lying and water logged areas with local material/ quarry muck, spreading in layers, leveling the top at site and consolidation by ramming, etc complete for improving the CBR value of subgrade	115.00	cum	893.00	<b>102695.00</b>	INR One Lakh Two Thousand Six Hundred & Ninety Five Only
6	60.64.1 : Coconut Pile - Supplying and stacking well matured straight coconut post for driving down through various strata below bed level including cost conveyance labour charges etc complete.	240.00	metre	137.47	<b>32992.80</b>	INR Thirty Two Thousand Nine Hundred & Ninety Two and Paise Eighty Only
7	60.64.4 : Coconut Pile - Driving down coconut pile to lines and levels through various strata including all hire charges and labour for fixing, staging platform and all other appliances necessary for pile driving down after pointing the bottom end	240.00	metre	772.48	<b>185395.20</b>	INR One Lakh Eighty Five Thousand Three Hundred & Ninety Five and Paise Twenty Only
8	60.64.6 : Cutting and removing the excess length of wooden piles to lines and levels and removing the cut end of piles and stacking within 150m	72.00	each	136.63	<b>9837.36</b>	INR Nine Thousand Eight Hundred & Thirty Seven and Paise Thirty Six Only
9	4.3.1 : Centering and shuttering including strutting, propping etc. and removal of form work for: Foundations, footings, bases for columns	27.00	sqm	279.52	<b>7547.04</b>	INR Seven Thousand Five Hundred & Forty Seven and Paise Four Only

10	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)	7.00	cum	6453.91	<b>45177.37</b>	INR Forty Five Thousand One Hundred & Seventy Seven and Paise Thirty Seven Only
11	5.9.4 : Centering and shuttering including strutting, etc. and removal of form for:Shelves (Cast in situ)	7.00	sqm	608.62	<b>4260.34</b>	INR Four Thousand Two Hundred & Sixty and Paise Thirty Four Only
12	5.9.6 : Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	30.00	sqm	674.27	<b>20228.10</b>	INR Twenty Thousand Two Hundred & Twenty Eight and Paise Ten Only
13	5.9.21 : Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders, bressumers and cantilevers with water proofply 12 mm thick.	48.00	sqm	603.79	<b>28981.92</b>	INR Twenty Eight Thousand Nine Hundred & Eighty One and Paise Ninety Two Only
14	5.9.19 : Centering and shuttering including strutting, etc. and removal of form for:Weather shade, Chajjas, corbels etc., including edges	2.58	sqm	751.95	<b>1940.03</b>	INR One Thousand Nine Hundred & Forty and Paise Three Only
15	5.1.2 : Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size	20.00	cum	8957.56	<b>179151.20</b>	INR One Lakh Seventy Nine Thousand One Hundred & Fifty One and Paise Twenty Only
16	5.1.3 : Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:2:4 ( 1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	0.10	cum	8319.54	<b>831.95</b>	INR Eight Hundred & Thirty One and Paise Ninety Five Only
17	5.3 : Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15 <sup>&gt;0</sup> 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).	2.06	cum	10651.62	<b>21942.34</b>	INR Twenty One Thousand Nine Hundred & Forty Two and Paise Thirty Four Only

18	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 to 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)	1.44	cum	10298.53	<b>14829.88</b>	INR Fourteen Thousand Eight Hundred & Twenty Nine and Paise Eighty Eight Only
19	5.22.6 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	1550.10	kilogram	81.57	<b>126441.66</b>	INR One Lakh Twenty Six Thousand Four Hundred & Forty One and Paise Sixty Six Only
20	5.22A.6 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo - Mechanically Treated bars of grade Fe-500D or more	315.16	kg	81.57	<b>25707.60</b>	INR Twenty Five Thousand Seven Hundred & Seven and Paise Sixty Only
21	50.2.25.1 : Filling with contractor's own earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m as per direction of site Engineer-in-charge	23.00	cum	448.57	<b>10317.11</b>	INR Ten Thousand Three Hundred & Seventeen and Paise Eleven Only
22	50.6.2.1 : Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x15 cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 15cm in: CM 1:6 ( 1 cement : 6 coarse sand) etc complete	2.00	cum	5465.05	<b>10930.10</b>	INR Ten Thousand Nine Hundred & Thirty and Paise Ten Only
23	50.6.2.2 : Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 ( 1 cement : 6 coarse sand) etc complete	11.00	cum	6004.35	<b>66047.85</b>	INR Sixty Six Thousand & Forty Seven and Paise Eighty Five Only

24	50.9.1.1 : 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 Anjili wood /jack wood	0.05	cum	102654.38	<b>5338.03</b>	INR Five Thousand Three Hundred & Thirty Eight and Paise Three Only
25	50.9.3.1 : Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction Of Engineer in- charge. using Anjili/ Jack wood	1.79	sqm	2656.03	<b>4741.01</b>	INR Four Thousand Seven Hundred & Forty One and Paise One Only
26	50.9.4.1 : Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Anjili/ Jack wood	1.08	sqm	2443.12	<b>2638.57</b>	INR Two Thousand Six Hundred & Thirty Eight and Paise Fifty Seven Only
27	9.53 : Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix ( 1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	32.00	each	170.93	<b>5469.76</b>	INR Five Thousand Four Hundred & Sixty Nine and Paise Seventy Six Only
28	50.9.15.1 : Supplying and fixing 200 mm Aluminium aldrop	2.00	no	171.35	<b>342.70</b>	INR Three Hundred & Forty Two and Paise Seventy Only

29	21.1.1.2 : Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS : 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing /paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge.(Glazing, paneling and dash fasteners to be paid for separately):For fixed portionPowder coated aluminium (minimum thickness of powder coating 50 micron)	51.00	kg	554.14	<b>28261.14</b>	INR Twenty Eight Thousand Two Hundred & Sixty One and Paise Fourteen Only
30	21.3.1 : Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer - in -Charge. ( Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 4.0 mm thickness	8.10	sqm	1068.65	<b>8656.07</b>	INR Eight Thousand Six Hundred & Fifty Six and Paise Seven Only
31	9.48.2 : Providing and fixing M.S. Grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.Fixed to openings/ wooden frames with rawl plugs screws etc	250.00	kg	162.06	<b>40515.00</b>	INR Forty Thousand Five Hundred & Fifteen Only
32	13.1.1 : 12 mm cement plaster of mix:1:4 ( 1 cement : 4 fine sand)	180.00	sqm	249.26	<b>44866.80</b>	INR Forty Four Thousand Eight Hundred & Sixty Six and Paise Eighty Only
33	13.16.1 : 6 mm cement plaster of mix:1:3 ( 1 cement : 3 fine sand)	30.00	sqm	207.24	<b>6217.20</b>	INR Six Thousand Two Hundred & Seventeen and Paise Twenty Only

34	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. complete	570.00	kg	117.53	<b>66992.10</b>	INR Sixty Six Thousand Nine Hundred & Ninety Two and Paise Ten Only
35	11.39 : Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS: 15622, of approved make in colours White, Ivory, Grey, fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 cement : 4 Coarse sand), including grouting the joints with white cement and matching pigments etc., complete.	54.00	sqm	1185.31	<b>64006.74</b>	INR Sixty Four Thousand & Six and Paise Seventy Four Only
36	11.36 : Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer -in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	6.00	sqm	1073.41	<b>6440.46</b>	INR Six Thousand Four Hundred & Forty and Paise Forty Six Only
37	8.12 : Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-charge.a. Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	7.00	sqm	4162.04	<b>29134.28</b>	INR Twenty Nine Thousand One Hundred & Thirty Four and Paise Twenty Eight Only

38	8.3.2 : Providing edge moulding to 18 mm thick marble stone counters, vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer -in-Charge.Granite work	12.00	metre	354.10	<b>4249.20</b>	INR Four Thousand Two Hundred & Forty Nine and Paise Twenty Only
39	13.50.1 : Applying priming coat:With ready mixed pink or Grey primer of approved and manufacture on wood work (hard and soft wood)	4.75	sqm	50.37	<b>239.26</b>	INR Two Hundred & Thirty Nine and Paise Twenty Six Only
40	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	54.10	sqm	112.99	<b>6112.76</b>	INR Six Thousand One Hundred & Twelve and Paise Seventy Six Only
41	12.50 : Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+0.05%), total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling/self tapping screws of size (5.5x55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	85.00	sqm	793.24	<b>67425.40</b>	INR Sixty Seven Thousand Four Hundred & Twenty Five and Paise Forty Only
42	12.51.1 : Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05%) total coated thickness, zinc coating 120 grams per sqm as per IS:mm(+0.05%) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/self tapping screws complete:Ridges plain (500-600 mm)	11.30	metre	519.48	<b>5870.12</b>	INR Five Thousand Eight Hundred & Seventy and Paise Twelve Only



43	13.43.1 : Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer	186.00	sqm	53.25	<b>9904.50</b>	INR Nine Thousand Nine Hundred & Four and Paise Fifty Only
44	13.83.2 : Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile including applying additional coats wherever required to achieve even shade and colour.Two coats	78.00	sqm	102.33	<b>7981.74</b>	INR Seven Thousand Nine Hundred & Eighty One and Paise Seventy Four Only
45	13.60.1 : Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:Two or more coats on new work	124.00	sqm	121.71	<b>15092.04</b>	INR Fifteen Thousand & Ninety Two and Paise Four Only
46	17.10.2.2 : Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required:Kitchen sink without drain board610x460 mm bowl depth 200 mm	2.00	each	3150.82	<b>6301.64</b>	INR Six Thousand Three Hundred & One and Paise Sixty Four Only
47	9.100.1 : Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete:125 mm	2.00	no	73.65	<b>147.30</b>	INR One Hundred & Forty Seven and Paise Thirty Only
48	50.17.1.3 : Supplying and fixing CP Towel rod 60cm or nearest available length including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.	3.00	no	127.78	<b>383.34</b>	INR Three Hundred & Eighty Three and Paise Thirty Four Only
49	18.51.1 : Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.15 mm nominal bore	2.00	each	709.86	<b>1419.72</b>	INR One Thousand Four Hundred & Nineteen and Paise Seventy Two Only

50	50.12.5.1 : Providing and fixing false ceiling with e board classic tile or equivalent make of size 610x610x4 mm ceiling of approved quality in aluminium frame work with necessary screws etc complete ( aluminium frame work shall be paid separately)	51.00	sqm	666.90	<b>34011.90</b>	INR Thirty Four Thousand &Eleven and Paise Ninety Only
51	50.18.7.2.2 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer -in-Charge 20 mm dia 10 Kg/cm2- Internal work - Exposed on wall	15.00	metre	181.93	<b>2728.95</b>	INR Two Thousand Seven Hundred & Twenty Eight and Paise Ninety Five Only
52	50.18.7.3.2 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 25 mm dia 10Kg/ cm2- Internal work- Exposed on wall	10.00	metre	205.98	<b>2059.80</b>	INR Two Thousand &Fifty Nine and Paise Eighty Only
53	50.18.9.2.2 : Providing and fixing PVC pipes includings of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 20 mm dia 10 Kg/cm2	5.00	metre	137.75	<b>688.75</b>	INR Six Hundred & Eighty Eight and Paise Seventy Five Only

54	50.18.9.3.2 : Providing and fixing PVC pipes includes jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 25 mm dia 10KGF/cm2	10.00	metre	170.60	<b>1706.00</b>	INR One Thousand Seven Hundred & Six Only
<b>Total in Figures</b>					<b>1396808.09</b>	INR Thirteen Lakh Ninety Six Thousand Eight Hundred & Eight and Paise Nine Only

**Contractor**

**Executive Engineer**