



राष्ट्रीय बीज निगम लिमिटेड
(भारत सरकार का उपक्रम- मिनिस्ट्रल कम्पनी)
केन्द्रीय राज्य फार्म, सूरतगढ़
जिला - श्रीगंगानगर (राज०)
फैक्स - 01509 - 223877
दूरभाष : 01509-220084,220068

NATIONAL SEEDS CORPORATION LIMITED
(A Government of India Undertaking)
(CIN : U74899DL1963PLC003913)

Central State Farm, Suratgarh
PHONES : 01509-220084,220068
"An ISO 9001:2008 & ISO 14001:2004 Company"
e-mail - csfsuratgarh@rediffmail.com
Website: www.indiaseeds.com

No. CSF/SRG/Civil/MI/2015-16

Dated: 25.06.2015

TENDER NOTICE

1. The Director Central State Farm, Sardargarh invites bids for the construction of works detailed in the table given in para-7 here in after. The bidders may submit bids for any or all of the works.
- 2 Bidding is open to all eligible bidders meeting the eligibility criteria as defined in clause No. 3.5 of instructions to Bidders should, however, be registered with Central Govt. /State Govt. or Central/State Undertakings, Bidders are advised to note the minimum qualification criteria specified in clause 4 of the instructions to bidders to qualify for the award of the contract.
3. Bidding documents (and additional copies) may be purchased from the office of the Manager Engineer (Civil) from 26.06.2015 to 21.07.2015 during office hours for a non-refundable fee as indicated; in the form of cash or Demand Draft on any scheduled bank payable at **SURATGARH (Raj.)** in favor Of **NATIONAL SEEDS CORPORATION LIMITED SARDARGARH.**

Interested bidders may obtain further information at the same address. Bidding documents requested by mail will be dispatched by Registered/speed post on payment of an extra amount of ₹. 100/- (Rupees one hundred only). The Management will not be held responsible for the postal delay if any, in the delivery of the documents of non-receipt of the same.

4. Bids must be accompanied by security amount specified for the work in the table below, payable at SURATGARH (Raj.) drawn in favor of NATIONAL SEEDS CORPORATION LIMITED SARDARGARH.
Bid security will have to be in any one of the forms as specified in the bidding documents and shall have to be valid for 28 days beyond the validity of the bid.
5. Bids must be delivered to the DIRECTOR, CENTRAL STATE FARM, SARDARGARH-335785 (RAJ.) on or before 1100 hours on 22.07.2015 and technical bid will be opened on the same day at 1200 hours and financial bid will be opened at 1500 hours in the presence of the bidders who wish to attend. If the office happens to be closed on the date of receipt of the bids as specified the bids will be received and opened on the next working day at the same time and venue.

Contd...2---

6. A pre bid meeting will be held on 021.07.2015 at 1700 hours at the office of MANAGER ENGINEER (CIVIL) TO CLARIFY THE ISSUES AND TO ANSWER QUESTIONS ON ANY MATTER THAT MAY BE RAISED AT THAT STAGE AS STATED IN clause 9.2 of Instructions to Bidders of the Bidding documents.
7. Other details can be seen in the bidding documents.

Sr. No.	Name of Work	Approximate value of work	Bid security	Cost of documents (In ₹.)	Period of completion
		₹. (in Lacs.)			
1.	Construction of Water Storage Tank size 50 x 50 x 4.5 M	32.00	1.00	1500.00	3 Months
2.	Construction/Lining of Water Course in 2.10 km length	50.10	1.60	2500.00	3 Months
3.	Construction of RCC Hume Pipe Syphons	5.10	0.20	500.00	1.5 Months
4.	Construction of 04 no's Deep Tubewells	25.82	0.80	1000.00	1.5 Months

Note:

1. Cement will be issued from the general store of the farm.
2. Number and quantity of Work may increase or decrease.
3. No time extension will be given for execution of work.
4. Canal water is to be used for construction work.
5. Rates should be inclusive of all type of govt. taxes.
6. If any additional items are required to be executed the contractor has to execute in the same proportionate rate quoted by him.
7. The contractor/firm has to be registered for civil construction works.
8. The work experience for the contractor should be 40% of three work or 50% of two works or 80% of one work of similar nature during last seven years.
9. Insurance of labour working at site will be done before start of work.
10. Any type of tax liability of government will be borne by the contractor.

Manager (Engg-Civil)
For Director



NATIONAL SEEDS CORPORATION LTD.

(A Govt. of India Undertaking-"Mini-Ratna Company")

CENTRAL STATE FARM :- SARDARGARH (Raj.)

RATES ARE WITHOUT CEMENT

G.SCHEDULE FOR CONSTRUCTION OF WATER STORAGE TANK SIZE (50X50X4.5MTR)					
SR. NO.	ITEM OF WORK	QTY.	UNIT	RATE	AMOUNT
1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m. All kinds of soil. Code No.- 2.28.1 (Page No. 75), DSR, CPWD 2014	2500	SQM	12.45	31125.00
2	Earth work in excavation for sedimentation cum water storage tank including disposal of excavated soil out of the farm area or within 02 km as per direction of the Site Engineer if the excavated soil is not taken out of farm. During excavation the earth/soil will be lifted by contractor by his own sources by any mechanical system i.e tractor kraha or J.C.B etc. During excavation if any use full material is there, the same will be deposited in the farm store. No payment will be made for any load and lift. This work also involves dressing of sides and bottom for lining purpose which is to be done manually slope of sides is to be maintained as per specification (1:2, 1 Vertical : 2 Horizontal) and drawing. (N.S item)	7938	CUM	70	555660.00
3	Earth work by mechanical means (Hydraulic excavation)/manual means in foundation trenches or drains (not exceeding 1.5 mtr in width or 10 sqm on plan), including dressing of side & ramming of bottoms, lift upto 1.5 mtr, including getting out the excavated soil & disposal of surplus excavated soil as directed, within a lead of 50mtr. All Kinds of soils. Code No - 2.8.1, (Page No. 72) DSR, CPWD 2014	173.13	CUM	157.5	27267.98
4	Providing 250 micron LDPE film as per ISS 2508-1984 and laying it properly including overlapping as per ISS over finished and excavated earth surface, 10cm tibba sand in two layers properly watered and rammed shall be laid over complete. The film shall be laid (LDPE) over 15mm thick cement Bajri mortar.1:3 and single layers of 1st class brick masonry in cm 1:3 with the filling of joints not more than 8mm, and the curing will have to be done for 28 days minimum. This work will also include providing vedicides and anti-termite treatment as per specification (item of PHED-RAJ.) BSR 2012.	4341.94	SQM	295.85	1284562.95
5	Providing & laying cement concrete 1:4:8 in footing & bases for columns, excluding the cost of centring & shuttering. Code No. - (4.1.8) (Page No. 85), DSR, CPWD 2014	38.45	CUM	3366.15	129428.47
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand) Code No.- (6.1.2) (Page No. 111), DSR, CPWD 2014	106.55	CUM	4333.5	461734.43
7	Brick work with commom burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1Cement : 6 Course Sand) Code No. - 6.4.2 (Page No. 111), DSR, CPWD 2014	58.76	CUM	5082.4	298641.82
8	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) Code No.- 5.1.3 (Page No. 96), DSR, CPWD 2014	5.14	CUM	3965.9	20384.73
9	Steel reinforcement for R.C.C work including straighteining, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars. Code No.- 5.22.6 (Page No. 99), DSR, CPWD 2014	616.80	KG	68.1	42004.08
10	Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with rectangular/ L-Type sections, made of 1.60 mm thick M.S. Sheet, joints mitred, welded and grinded finish, with profiles of required size, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. Code No.- 10.15 (Page No. 175), DSR, CPWD 2014	435.00	KG	139.10	60508.50
11	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers Code No.- 5.9.1 (Page No. 97), DSR, CPWD 2014	38.06	SQM	196.45	7476.89
12	12 MM Cement plaster of Mix : 1:6 (1Cement : 6 Course Sand) Code No. - 13.4.2 (Page No. 222) DSR, CPWD 2014	1109.36	SQM	138.6	153757.30



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CENTRAL STATE FARM :- SARDARGARH (Raj.)

RATES ARE WITHOUT CEMENT

G.SCHEDULE FOR CONSTRUCTION OF WATER STORAGE TANK SIZE (50X50X4.5MTR)					
13	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. Code No. - 11.3.1 (Page No. 182) DSR, CPWD 2014	24.00	SQM	259.85	6236.40
14	Color washing such as give an even shade : New work (two or more coats) Code No.- 13.39.1 (Page No. 225), DSR. CPWD 2014	435.88	Sqm	22.05	9611.15
15	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. Code No.- 10.1 (Page No. 177), DSR, CPWD 2014	642.60	Kg	67.7	43504.02
16	Filling With avialable earth (excluding rock) in trenches or in plinth sides of foundations etc in layers not exceeding 20cm in depth consolidating each layer by ramming watering lead upto 50m and lift upto 1.5m. Ref. 2.25 (DSR-2014)	199.74	Cum	112.4	22450.78
17	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design : Ref. 12.21 (DSR-2014)	10.60	Rm	126.05	1336.13
18	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : code no 10.30.1 (Page No. 176), DSR, CPWD 2014	3.60	Sqm	764.45	2752.02
19	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 Cement : 2 fine sand) including testing of joints etc. complete. Code :19.35.1 450mm dia RCC pipes (Page No. 357) DSR, CPWD 2014	9.00	Rm	1913.9	17225.10
20	Fencing with R.C.C. post placed at required distance, embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post one side only, provided with horizontal lines and two diagonals of barbed wire weighing 9.38 kg per 100 metres (minimum), between the two posts fitted and fixed with G.I. staples on wooden plugs or G.I. binding wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and concrete to be paid for separately) :- Payment to be made per metre cost of total length of barbed wire used. Code 16.17.1 (Page No. 257) DSR, CPWD 2014	1695.20	Mtr	8.4	14239.68
21	Providing and laying brick tiles over mumty roofs, grouted with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% of integral water proofing compound by weight of cement, over 12 mm layer of cement mortar 1:3 (1 cement : 3 fine sand) and finished neat. With common burnt clay F.P.S. (non modular) brick tiles of class designation 10 Code 12.19.1 (Page No. 201) DSR, CPWD 2014	26.88	MTR	370.28	9953.13
TOTAL					3199860.54
G.SCHEDULE AMOUNT					3199860.54

Terms & Conditions

1. All the tools and plants will be arranged by the contractor.
2. Insurance of labour working at site will be done by the contractor.
3. No. & Quantity of the work may increase or decrease.
4. Cement will be provided from the general store of the farm.
5. For all construction works strictly canal water is to be used at site.
6. If any additional item is req to be executed, payment will be made in propostionate rate of the contractor.
7. Any type of tax liability of government will be borne by the contractor.

Rate quoted by contractor _____% Above on G. schedule amount

Rate quoted by contractor _____% Below on G. schedule amount

**Name and Signature of
Contractor**



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CENTRAL STATE FARM :- SARDARGARH (Raj.)

RATES ARE WITHOUT CEMENT

G.SCHEDULE FOR CONSTRUCTION FOR LINING OF WATER COURSE FOR 2.10 KM LENGTH					
SR. NO.	ITEM OF WORK	QTY.	UNIT	RATE	AMOUNT
1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15cm deep and disposal of rubbish lead up to 50mtr and lift upto 1.5mtr. Ref. 2.28 (DSR-2014)	4200.00	SQM	12.45	52290.00
2	Earth work excavation in foundation trenches or drains not exceeding 1.5 Mtr. in width or 10 SQM. On plan including dressing of side & ramming of bottoms, lift upto 1.5 Mtr. Including getting out the excavated soil & disposal of surplus excavated soil as directed within a lead of 50Mtr. Ref. 2.8.1 (DSR-2014)	1428.00	CUM	157.5	224910.00
3	Providing 250 micron LDPE film as per ISS 2508-1984 and laying it properly including overlapping as per ISS over finished and excavated earth surface, 10cm tibba sand in two layers properly watered and rammed shall be laid over complete. The film shall be laid (LDPE) over 15mm thick cement Bajri mortar. 1:3 and single layers of 1st class brick masonry in cm 1:3 with the filling of joints not more than 8mm, and the curing will have to be done for 28 days minimum. This work will also include providing vedicides and anti-termite treatment as per specification (item of public health engineering department) BSR 2012.	3614.26	SQM	295.85	1069278.82
4	Brick work with bricks of class designation 75 in Foundation and plinth in cement mortar 1:6 (1Cement : 6 Course Sand) Ref. 6.1.2 (DSR-2014)	589.11	CUM	4333.50	2552908.19
5	20 MM Cement plaster on new surface on walls in cement sand mortar of Mix : 1:6 (1Cement : 6 Course Sand) including racking of joint etc complete Ref. 13.6.2 (DSR-2014)	2010.98	SQM	189.60	381281.81
6	12 MM Cement plaster on new surface on walls in cement sand mortar of Mix : 1:6 (1Cement : 6 Course Sand) including racking of joint etc complete Ref. 13.4.2 (DSR-2014)	3931.60	SQM	138.6	544919.76
7	Providing and laying 300 mm non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete. Ref. 19.6.4 (DSR-2014)	40.00	RM	500.3	20012.00
8	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.. Ref. 10.1 (DSR-2014)	300.00	kg	67.7	20310.00
9	Filling With avialable earth (excluding rock) in trenches or in plinth sides of foundations etc in layers not exceeding 20cm in depth consolidating each layer by ramming watering lead upto 50m and lift upto 1.5m. Ref. 2.25 (DSR-2014)	1260.00	CUM	112.40	141624.00
TOTAL					5007534.57
G.schedule Amount					5007534.57

Terms & Conditions

1. All the tools and plants will be arranged by the contractor.
2. Insurance of labour working at site will be done by the contractor.
3. No. & Quantity of the work may increase or decrease.
4. Cement will be provided from the general store of the farm.
5. For all construction works strictly canal water is to be used at site.
6. If any additional item is req to be executed, payment will be made in propostionate rate of the contractor.
7. Any type of tax liability of government will be borne by the contractor.

Rate quoted by contractor _____ % Above on G. schedule amount

Rate quoted by contractor _____ % Below on G. schedule amount

**Name and Signature of
Contractor**



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CENTRAL STATE FARM :- SARDARGARH (Raj.)

RATES ARE WITHOUT CEMENT

G.SCHEDULE FOR RCC HUME PIPE SYPHON FOR WATER COURSE CROSSING					
SR. NO.	ITEM OF WORK	QTY.	UNIT	RATE	AMOUNT
1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m. Code No.- 2.28 (Page No. 75), DSR, CPWD 2014	102	SQM	12.45	1269.90
2	Earth work by mechanical means (Hydraulic excavation)/manual means in foundation trenches or drains (not exceeding 1.5 mtr in width or 10 sqm on plan), including dressing of side & ramming of bottoms, lift upto 1.5 mtr, including getting out the excavated soil & disposal of surplus excavated soil as directed, within a lead of 50mtr. All Kinds of soils. Code No - 2.8.1, (Page No. 72) DSR, CPWD 2014	210.98	CUM	157.5	33229.35
3	Providing & laying cement concrete 1:4:8 in footing & bases for columns, excluding the cost of centring & shuttering. Code No. - (4.1.9) (Page No. 85), DSR, CPWD 2014	11.86	CUM	4028.15	47773.86
4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand) Code No.- (6.1.2) (Page No. 111), DSR, CPWD 2014	26.79	CUM	4333.50	116094.47
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 Cement : 6 Course Sand) Code No. - 6.4.2 (Page No. 111), DSR, CPWD 2014	13.89	CUM	5082.40	70594.54
6	12 mm Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement. Code No. - 13.9.1 (Page No. 222) DSR, CPWD 2014	86.80	SQM	138.60	12030.48
7	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 Cement : 2 fine sand) including testing of joints etc. complete. 19.35.1 450mm dia RCC pipes. (Page No. 357) DSR, CPWD 2014	102.00	MTR	1913.90	195217.80
8	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick (Code : 11.3 ; CPWD - DSR 2014).	63.75	SQM	259.85	16565.44
9	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50m and lift upto 1.5m. Adding extra for every lift of 1.5m or part thereof in excavation/banking excavated or stacked materials. All kind of soils. Code No. - 2.25 (Page No. 75), DSR, CPWD 2014	115.50	SQM	112.40	12982.20
G.SCHEDULE AMOUNT					505758.03

Terms & Conditions

1. All the tools and plants will be arranged by the contractor.
2. Insurance of labour working at site will be done by the contractor.
3. No. & Quantity of the work may increase or decrease.
4. Cement will be provided from the general store of the farm.
5. For all construction works strictly canal water is to be used at site.
6. If any additional item is req to be executed, payment will be made in proportionate rate of the contractor.
7. Any type of tax liability of government will be borne by the contractor.

Rate quoted by contractor _____ % Above on G. schedule amount

Rate quoted by contractor _____ % Below on G. schedule amount

**Name and Signature of
Contractor**



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CENTRAL STATE FARM :- SARDARGARH (Raj.)

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G.SCHEDULE FOR CONSTRUCTION OF DEEP TUBEWELL ALONG WITH PUMP HOUSE						
S.N o.	DSR 2014	Description	A/U	QTY	Rate	Amount
PART - A		CIVIL				
1	24.1.1.1	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, upto 90 metre depth below ground level. 24.1.1 All types of soil , 300 mm dia	mtr	35.00	407.1	14248.50
2	24.3.3	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge. 200 mm nominal size dia	mtr	35.00	878.60	30751.00
3	24.4.3	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge. 200 mm nominal size dia.	mtr	3.00	820.80	2462.40
4	24.8	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	Cum	2.15	387.85	833.88
5	24.13.3	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of: 200 mm dia	each	1.00	243.9	243.90
6	24.14.3	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete. 200 mm clamp	each	1.00	1,329.35	1329.35
7	24.15.3	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I). 200 mm dia	each	1.00	265.85	265.85
8	24.12	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	hours	28.00	677.1	18958.80



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G.SCHEDULE FOR CONSTRUCTION OF DEEP TUBEWELL ALONG WITH PUMP HOUSE						
S.N o.	DSR 2014	Description	A/U	QTY	Rate	Amount
PART - A		CIVIL				
9	2.6.1	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.:	Cum	9.85	155.6	1532.66
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	Cum	6.60	3366.15	22216.59
11	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in 1:6	Cum	15.56	4333.50	67429.26
12	6.4.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in Super Str in 1:6.	Cum	16.82	5082.40	85485.97
13	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)	Cum	5.52	3965.90	21891.77
14	13.4.2	Cement plaster (1:6) finished 12 mm	Sqm	76.08	138.6	10544.69
15	13.39.1	Color washing such as give an even shade : New work (two or more coats)	Sqm	466.19	22.05	10279.49
16	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	895.00	73.95	66185.25
17	5.9.5	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	38.06	332.15	12641.63
18	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. Code No.- 5.22.6 (Page No. 99), DSR, CPWD 2014	Kg	662.44	68.1	45112.17
19	11.3	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc	Sqm	24.00	259.85	6236.40
20	13.9.2	Cement plaster (1:3) finished with a floating coat of neat cement. 20mm	Sqm	30.00	194.09	5822.70
PART - B		ELECTRIFICATION				
1	BSR-E-2012	Supplying of ISI Marked submersible pumping motor sets suitable for 200mm dia bore well for discharge range 150 lpm to 1000 IPM and head 60 mtr to 190 mtr of specified make (IS:8034-2002)	PKW	14.00	5500	77000.00
2	BSR-E-2012	Installation of submersible motor pump set in TWs complete (labour charges only) including transportation of tripod, Chain pulley block and any other material required for lowering purpose (payable once for one TW)	Nos	1.00	2000.00	2000.00



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CENTRAL STATE FARM :- SARDARGARH (Raj.)

RATES ARE WITHOUT CEMENT

G.SCHEDULE FOR CONSTRUCTION OF DEEP TUBEWELL ALONG WITH PUMP HOUSE						
S.N o.	DSR 2014	Description	A/U	QTY	Rate	Amount
PART - A		CIVIL				
3	1.17.30	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel / PVC conduit as required. 3 x 6 sq. mm. (To be submerged in bore) for both star & delta connection	Mtr	80.00	160.00	12800.00
4	7.1.1	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required. Upto 35 sq. mm	Mtr	250.00	195.00	48750.00
5	5.4	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	Set	1.00	4490	4490.00
6	BSR-E- 2012	Providing and installing of electric feeder panel for submersible pump set (automatic star delta starter) as per scope of work drawing and specifications including mounting on CCM 150 1:2:4 platform of size 1000 mm x600mm as per detailed specification including. Above 20 HP & up to 25 HP	Nos	1.00	18500	18500.00
7	18.12.8	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 80mm dia (Note: 100 mm dia to be provided)	Mtr	42.00	637.05	26756.10
8	18.19.1	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 100 mm instead of 80mm	each	1.00	2504.3	2504.30
9	18.59.3	Providing and fixing C.I. double acting air valve of approved quality with bolts, nuts, rubber insertions etc. complete (The tail pieces, tapers etc if required will be paid separately) : 100 mm	each	3.00	8110.05	24330.15
10	18.31.1.2	Providing and fixing C.I. sluice valves (with cap) complete with bolts,nuts, rubber insertions etc. (the tail pieces if required will be paid separately) : 100 mm diameter class II	each	1.00	3921.3	3921.30
					Total	645524.11
G.SCHEDULE AMOUNT FOR 01 No						645524.11
G.SCHEDULE AMOUNT for 04 No's = 645524.11 x 4 =						2582096.44

Terms & Conditions

1. All the tools and plants will be arranged by the contractor.
2. Insurance of labour working at site will be done by the contractor.
3. No. & Quantity of the work may increase or decrease.
4. Cement will be provided from the general store of the farm.
5. For all construction works strictly canal water is to be used at site.
6. If any additional item is req to be executed, payment will be made in propostionate rate of the contractor.
7. Any type of tax liability of government will be borne by the contractor.

Rate quoted by contractor _____ % Above on G. schedule amount

Rate quoted by contractor _____ % Below on G. schedule amount

**Name and Signature of
Contractor**