



राष्ट्रीय बीज निगम लिमिटेड
(भारत सरकार का उपक्रम- मिनिरल 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/SOG/4-1(83)/2014-15

Dated: 09.06.2015

TENDER NOTICE

1. The Central State Farm, Suratgarh, Sardargarh & Jetsar 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 12.06.2015 to 02.07.2015 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 SURATGARH.**

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 SURATGARH.
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, SURATGARH – 335804 on or before 1100 hours on 03.07.2015 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.

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6. A pre bid meeting will be held on 02.07.2015 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.	Covered Threshing Floor 02 no's at CSF Suratgarh 18 x 36 M	48.25	1.60	2000.00	4 Months
2.	Covered Threshing Floor 02 no's at CSF Sardargarh 18 x 36 M	48.25	1.60	2000.00	4 Months
3.	Covered Threshing Floor 01 no's at CSF Jetsar 18 x 36 M	24.13	0.75	1000.00	4 Months
4.	Galvaulme Sheeting work for all above 05 no's	67.00	2.10	2500.00	1 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.

Manager (Engg-Civil)
For Director



NATIONAL SEEDS CORPORATION LIMITED

A Govt of India Undertaking- "Mini Ratna" Company

"ISO 9001:2008 & ISO 14001:2004 certified"

CENTRAL STATE FARM - SURATGARH

G.SCHEDULE FOR CONSTRUCTION OF COVERED THRESHING FLOOR

SIZE : 18.00 Mtr X 36.00 Mtr (Based on DSR 2014)

S.NO.	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
PART A : CIVIL					
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	SQM			
	TOTAL		648.00	12.45	8067.60
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	CUM			
	TOTAL		116.64	157.5	18370.80
3	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	CUM			
	TOTAL		11.66	3366.15	39249.31
4	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)	CUM			
	TOTAL		291.60	112.40	32775.84
5(A)	Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyrphos/ Lindane emulsifiable concentrate of 20% : Code No. - 2.34.1 (Page No. 76), DSR, CPWD 2014	Ltr			
	TOTAL		70.00	185.95	13016.5
5 (B)	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) : Along external wall where the apron is not provided using chemical emulsion @ 7.5 litres / sqm of the vertical surface of the substructure to a depth of 300 mm including excavation channel along the wall & rodding etc. complete: Code No. - 2.35.1.1 (Page No. 76), DSR, CPWD 2014	M			
	TOTAL		216.00	15.40	3326.4
6	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. - 6.3.1 (Page No. 111), DSR, CPWD 2014	CUM			
	TOTAL		112.30	5082.40	570753.52
7	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	CUM			
	TOTAL		55.04	3965.90	218283.14
8	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) : Code No.- 5.2.2 (Page No. 96), DSR, CPWD 2014	CUM			
	TOTAL		38.11	4874.30	185759.57

G.SCHEDULE FOR CONSTRUCTION OF COVERED THRESHING FLOOR**SIZE : 18.00 Mtr X 36.00 Mtr (Based on DSR 2014)**

S.NO.	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
10	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers Code No.- 5.9.5 (Page No. 97), DSR, CPWD 2014	SQM			
	TOTAL		307.12	332.15	102009.91
11	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level and above. Thermo-Mechanically Treated bars. Code No.- 5.22.6 & 5.22A.6 (Page No. 99), DSR, CPWD 2014	KG			
	TOTAL		9653.60	68.10	657410.16
12	12 MM Cement plaster of Mix : 1:6 (1Cement : 6 Course Sand) Code No. - 13.4.2 (Page No. 222) DSR, CPWD 2014	SQM			
	TOTAL		456.52	138.60	63273.67
13	20 MM Cement plaster of Mix : 1:6 (1Cement : 6 Course Sand) Code No. - 13.6.2 (Page No. 222) DSR, CPWD 2014	SQM			
	TOTAL		586.02	189.60	111109.392
14	Finishing walls with water proofing cement paint of required shade. New work (Two or more coats applied @ 3.84 kg/10 sqm) Code No.- 13.44.1 (Page No. 225), DSR. CPWD 2014	SQM			
	TOTAL		586.02	57.85	33901.257
15	White washing such as give an even shade : New work (two or more coats) Code No.- 13.39.1 (Page No. 225), DSR. CPWD 2014	SQM			
	TOTAL		456.52	22.05	10066.27
16	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. 40 mm thick with 20 mm nominal size stone aggregate Code No.- 11.36.1 (Page No. 182), DSR, CPWD 2014	Sqm			
	TOTAL		648.00	259.85	168382.8
17	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with thickness 4 mm :. Code No.- 10.30.1 (Page No. 176), DSR, CPWD 2014	Sqm			
	TOTAL		17.60	764.45	13454.32
(A) SUB TOTAL					2327590.07
PART -B : ELECTRICALS					
19	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 and refilling the trench etc as required, but excluding sand cushioning and protective covering. Upto 35 sq. mm Code No.- 7.3.1 , DSR, CPWD 2014	M			
	TOTAL		50.00	87.00	4350.00
20	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.Upto 35 sq. mm Code No.- 7.7.1 , DSR, CPWD 2014	M			
	TOTAL		30.00	24.00	720.00
21	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/recessed steel/ PVC conduit as required.3 x 4 sq. mm Code No. - (1.17.21) DSR, CPWD 2014	M			
	TOTAL		50.00	109.00	5450.00
22	Wiring for light/ power plug with 4X4 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 2 Nos 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required. Code No. - (1.13) DSR, CPWD 2014	M			

G.SCHEDULE FOR CONSTRUCTION OF COVERED THRESHING FLOOR
SIZE : 18.00 Mtr X 36.00 Mtr (Based on DSR 2014)

S.NO.	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
TOTAL			50.00	275.00	13750.00
23	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire Code No. - (1.14.7) DSR, CPWD 2014	M			
a			50.00	210.00	10500.00
TOTAL					
24	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire Code No. - (1.14.2) DSR, CPWD 2014	M			
TOTAL			50.00	131.00	6550.00
25	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with	Point			
TOTAL			16.00	718.00	11488
26	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/recessed steel/ PVC conduit as required.02 x 1.5 sq. mm Code No. - (1.17.2) DSR, CPWD 2014	M			
TOTAL			80.00	36.00	2880
27	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. Code No. - (1.21.2) DSR, CPWD 2014	M			
TOTAL			80.00	65.00	5200.00
28	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required. Code No. - (2.18) DSR, CPWD 2014	Ea			
TOTAL			4.00	954.00	3816.00
29	Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required. Code No. - (2.21) DSR, CPWD 2014	Ea			
TOTAL			1.00	141.00	141.00
30	Supply and installation connection & testing of 18 watt LED 6K decorative ultra slim linear LED light fixture with extended AL. heat sink environmental friendly energy efficient complete as required LHEXBLP7INIWO18 of Havells or its equivalent in philips, crompton, bajaj etc. NS ITEM	Ea			
TOTAL			10.00	1500	15000.00
31	Supply of 10 sqmm x 4 core XLPE Ar cable Al conductor of havells /nicoo make. NS ITEM	M			
TOTAL			35.00	145	5075.00
(B)	Sub Total				
(C)	GRAND TOTAL (A+B)				84920.00
G.SCHEDULE AMOUNT FOR 1 NO.					2412510.07
G.SCHEDULE AMOUNT FOR 2 NO. = 2412510.07 X 2 =					2412510.07
					4825020.15

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.

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

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

**Name and Signature of
Contractor**



NATIONAL SEEDS CORPORATION LIMITED

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CENTRAL STATE FARM - SARDARGARH

G.SCHEDULE FOR CONSTRUCTION OF COVERED THRESHING FLOOR

SIZE : 18.00 Mtr X 36.00 Mtr (Based on DSR 2014)

S.NO.	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
PART A : CIVIL					
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	SQM			
	TOTAL		648.00	12.45	8067.60
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	CUM			
	TOTAL		116.64	157.5	18370.80
3	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	CUM			
	TOTAL		11.66	3366.15	39249.31
4	Filling With available 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)	CUM			
	TOTAL		291.60	112.40	32775.84
5(A)	Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyrifos/ Lindane emulsifiable concentrate of 20% : Code No. - 2.34.1 (Page No. 76), DSR, CPWD 2014	Ltr			
	TOTAL		70.00	185.95	13016.5
5 (B)	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) : Along external wall where the apron is not provided using chemical emulsion @ 7.5 litres / sqm of the vertical surface of the substructure to a depth of 300 mm including excavation channel along the wall & rodding etc. complete: Code No. - 2.35.1.1 (Page No. 76), DSR, CPWD 2014	M			
	TOTAL		216.00	15.40	3326.4
6	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 (1Cement : 6 Course Sand) Code No. - 6.3.1 (Page No. 111), DSR, CPWD 2014	CUM			
	TOTAL		112.30	5082.40	570753.52
7	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	CUM			
	TOTAL		55.04	3965.90	218283.14
8	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) : Code No.- 5.2.2 (Page No. 96), DSR, CPWD 2014	CUM			
	TOTAL		38.11	4874.30	185759.57
9	Centering and shuttering including strutting, propping etc. and removal of form for :Foundations, footings, bases of columns, etc. for mass concrete. Code No.- 5.9.1 (Page No. 97), DSR, CPWD 2014	SQM			
	TOTAL		398.98	196.45	78379.62

G.SCHEDULE FOR CONSTRUCTION OF COVERED THRESHING FLOOR**SIZE : 18.00 Mtr X 36.00 Mtr (Based on DSR 2014)**

S.NO.	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
10	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers Code No.- 5.9.5 (Page No. 97), DSR, CPWD 2014	SQM			
	TOTAL		307.12	332.15	102009.91
11	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level and above. Thermo-Mechanically Treated bars. Code No.- 5.22.6 & 5.22A.6 (Page No. 99), DSR, CPWD 2014	KG			
	TOTAL		9653.60	68.10	657410.16
12	12 MM Cement plaster of Mix : 1:6 (1Cement : 6 Course Sand) Code No. - 13.4.2 (Page No. 222) DSR, CPWD 2014	SQM			
	TOTAL		456.52	138.60	63273.67
13	20 MM Cement plaster of Mix : 1:6 (1Cement : 6 Course Sand) Code No. - 13.6.2 (Page No. 222) DSR, CPWD 2014	SQM			
	TOTAL		586.02	189.60	111109.392
14	Finishing walls with water proofing cement paint of required shade. New work (Two or more coats applied @ 3.84 kg/10 sqm) Code No.- 13.44.1 (Page No. 225), DSR. CPWD 2014	SQM			
	TOTAL		586.02	57.85	33901.257
15	White washing such as give an even shade : New work (two or more coats) Code No.- 13.39.1 (Page No. 225), DSR. CPWD 2014	SQM			
	TOTAL		456.52	22.05	10066.27
16	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. 40 mm thick with 20 mm nominal size stone aggregate Code No.- 11.36.1 (Page No. 182), DSR, CPWD 2014	Sqm			
	TOTAL		648.00	259.85	168382.8
17	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with thickness 4 mm :. Code No.- 10.30.1 (Page No. 176), DSR, CPWD 2014	Sqm			
	TOTAL		17.60	764.45	13454.32
(A) SUB TOTAL					2327590.07
PART -B : ELECTRICALS					
19	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 and refilling the trench etc as required, but excluding sand cushioning and protective covering. Upto 35 sq. mm Code No.- 7.3.1 , DSR, CPWD 2014	M			
	TOTAL		50.00	87.00	4350.00
20	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.Upto 35 sq. mm Code No.- 7.7.1 , DSR, CPWD 2014	M			
	TOTAL		30.00	24.00	720.00
21	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/recessed steel/ PVC conduit as required.3 x 4 sq. mm Code No. - (1.17.21) DSR, CPWD 2014	M			
	TOTAL		50.00	109.00	5450.00
22	Wiring for light/ power plug with 4X4 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 2 Nos 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required. Code No. - (1.13) DSR, CPWD 2014	M			

G.SCHEDULE FOR CONSTRUCTION OF COVERED THRESHING FLOOR
SIZE : 18.00 Mtr X 36.00 Mtr (Based on DSR 2014)

S.NO.	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
TOTAL			50.00	275.00	13750.00
23	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire Code No. - (1.14.7) DSR, CPWD 2014	M			
a			50.00	210.00	10500.00
TOTAL					
24	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire Code No. - (1.14.2) DSR, CPWD 2014	M			
TOTAL			50.00	131.00	6550.00
25	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with	Point			
TOTAL			16.00	718.00	11488
26	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/recessed steel/ PVC conduit as required.02 x 1.5 sq. mm Code No. - (1.17.2) DSR, CPWD 2014	M			
TOTAL			80.00	36.00	2880
27	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. Code No. - (1.21.2) DSR, CPWD 2014	M			
TOTAL			80.00	65.00	5200.00
28	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required. Code No. - (2.18) DSR, CPWD 2014	Ea			
TOTAL			4.00	954.00	3816.00
29	Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required. Code No. - (2.21) DSR, CPWD 2014	Ea			
TOTAL			1.00	141.00	141.00
30	Supply and installation connection & testing of 18 watt LED 6K decorative ultra slim linear LED light fixture with extended AL. heat sink environmental friendly energy efficient complete as required LHEXBLP7INIWO18 of Havells or its equivalent in philips, crompton, bajaj etc. NS ITEM	Ea			
TOTAL			10.00	1500	15000.00
31	Supply of 10 sqmm x 4 core XLPE Ar cable Al conductor of havells /nicoo make. NS ITEM	M			
TOTAL			35.00	145	5075.00
(B)	Sub Total				
(C)	GRAND TOTAL (A+B)				84920.00
G.SCHEDULE AMOUNT FOR 1 NO.					2412510.07
G.SCHEDULE AMOUNT FOR 2 NO. = 2412510.07 X 2 =					2412510.07
					4825020.15

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.

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

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

**Name and Signature of
Contractor**



NATIONAL SEEDS CORPORATION LIMITED

A Govt of India Undertaking- "Mini Ratna" Company

"ISO 9001:2008 & ISO 14001:2004 certified"

CENTRAL STATE FARM - JETSAR

G.SCHEDULE FOR CONSTRUCTION OF COVERED THRESHING FLOOR

SIZE : 18.00 Mtr X 36.00 Mtr (Based on DSR 2014)

S.NO.	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
PART A : CIVIL					
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	SQM			
	TOTAL		648.00	12.45	8067.60
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	CUM			
	TOTAL		116.64	157.5	18370.80
3	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	CUM			
	TOTAL		11.66	3366.15	39249.31
4	Filling With available 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)	CUM			
	TOTAL		291.60	112.40	32775.84
5(A)	Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyrifos/ Lindane emulsifiable concentrate of 20% : Code No. - 2.34.1 (Page No. 76), DSR, CPWD 2014	Ltr			
	TOTAL		70.00	185.95	13016.5
5(B)	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) : Along external wall where the apron is not provided using chemical emulsion @ 7.5 litres / sqm of the vertical surface of the substructure to a depth of 300 mm including excavation channel along the wall & rodding etc. complete: Code No. - 2.35.1.1 (Page No. 76), DSR, CPWD 2014	M			
	TOTAL		216.00	15.40	3326.4
6	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 (1Cement : 6 Course Sand) Code No. - 6.3.1 (Page No. 111), DSR, CPWD 2014	CUM			
	TOTAL		112.30	5082.40	570753.52
7	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	CUM			
	TOTAL		55.04	3965.90	218283.14
8	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) : Code No.- 5.2.2 (Page No. 96), DSR, CPWD 2014	CUM			
	TOTAL		38.11	4874.30	185759.57
9	Centering and shuttering including strutting, propping etc. and removal of form for :Foundations, footings, bases of columns, etc. for mass concrete. Code No.- 5.9.1 (Page No. 97), DSR, CPWD 2014	SQM			
	TOTAL		398.98	196.45	78379.62

G.SCHEDULE FOR CONSTRUCTION OF COVERED THRESHING FLOOR**SIZE : 18.00 Mtr X 36.00 Mtr (Based on DSR 2014)**

S.NO.	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
10	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers Code No.- 5.9.5 (Page No. 97), DSR, CPWD 2014	SQM			
	TOTAL		307.12	332.15	102009.91
11	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level and above. Thermo-Mechanically Treated bars. Code No.- 5.22.6 & 5.22A.6 (Page No. 99), DSR, CPWD 2014	KG			
	TOTAL		9653.60	68.10	657410.16
12	12 MM Cement plaster of Mix : 1:6 (1Cement : 6 Course Sand) Code No. - 13.4.2 (Page No. 222) DSR, CPWD 2014	SQM			
	TOTAL		456.52	138.60	63273.67
13	20 MM Cement plaster of Mix : 1:6 (1Cement : 6 Course Sand) Code No. - 13.6.2 (Page No. 222) DSR, CPWD 2014	SQM			
	TOTAL		586.02	189.60	111109.392
14	Finishing walls with water proofing cement paint of required shade. New work (Two or more coats applied @ 3.84 kg/10 sqm) Code No.- 13.44.1 (Page No. 225), DSR. CPWD 2014	SQM			
	TOTAL		586.02	57.85	33901.257
15	White washing such as give an even shade : New work (two or more coats) Code No.- 13.39.1 (Page No. 225), DSR. CPWD 2014	SQM			
	TOTAL		456.52	22.05	10066.27
16	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. 40 mm thick with 20 mm nominal size stone aggregate Code No.- 11.36.1 (Page No. 182), DSR, CPWD 2014	Sqm			
	TOTAL		648.00	259.85	168382.8
17	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with thickness 4 mm :. Code No.- 10.30.1 (Page No. 176), DSR, CPWD 2014	Sqm			
	TOTAL		17.60	764.45	13454.32
(A) SUB TOTAL					2327590.07
PART -B : ELECTRICALS					
19	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 and refilling the trench etc as required, but excluding sand cushioning and protective covering. Upto 35 sq. mm Code No.- 7.3.1 , DSR, CPWD 2014	M			
	TOTAL		50.00	87.00	4350.00
20	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.Upto 35 sq. mm Code No.- 7.7.1 , DSR, CPWD 2014	M			
	TOTAL		30.00	24.00	720.00
21	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/recessed steel/ PVC conduit as required.3 x 4 sq. mm Code No. - (1.17.21) DSR, CPWD 2014	M			
	TOTAL		50.00	109.00	5450.00
22	Wiring for light/ power plug with 4X4 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 2 Nos 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required. Code No. - (1.13) DSR, CPWD 2014	M			

G.SCHEDULE FOR CONSTRUCTION OF COVERED THRESHING FLOOR
SIZE : 18.00 Mtr X 36.00 Mtr (Based on DSR 2014)

S.NO.	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
	TOTAL		50.00	275.00	13750.00
23	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire Code No. - (1.14.7) DSR, CPWD 2014	M			
a	TOTAL		50.00	210.00	10500.00
24	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire Code No. - (1.14.2) DSR, CPWD 2014	M			
	TOTAL		50.00	131.00	6550.00
25	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with	Point			
	TOTAL		16.00	718.00	11488
26	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/recessed steel/ PVC conduit as required.02 x 1.5 sq. mm Code No. - (1.17.2) DSR, CPWD 2014	M			
	TOTAL		80.00	36.00	2880
27	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. Code No. - (1.21.2) DSR, CPWD 2014	M			
	TOTAL		80.00	65.00	5200.00
28	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.Code No. - (2.18) DSR, CPWD 2014	Ea			
	TOTAL		4.00	954.00	3816.00
29	Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required.Code No. - (2.21) DSR, CPWD 2014	Ea			
	TOTAL		1.00	141.00	141.00
30	Supply and installation connection & testing of 18 watt LED 6K decorative ultra slim linear LED light fixture with extended AL. heat sink enviromental friendly energy efficient complete as required LHXBPL7INIW018 of Havells or its equivalent in philips , crompton, bajaj etc. NS ITEM	Ea			
	TOTAL		10.00	1500	15000.00
31	Supply of 10 sqmm x 4 core XLPE Ar cable Al conductor of havells /nicoo make. NS ITEM	M			
	TOTAL		35.00	145	5075.00
(B)	Sub Total				84920.00
(C)	GRAND TOTAL (A+B)				2412510.07
G.SCHEDULE AMOUNT FOR 1 NO.					2412510.07

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.

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

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

Name and Signature of Contractor



NATIONAL SEEDS CORPORATION LIMITED

A Govt of India Undertaking- "Mini Ratna" Company

"ISO 9001:2008 & ISO 14001:2004"

CENTRAL STATE FARM - SURATGARH

H. Schedule for providing and fixing of support less roof of galvalume sheet for Covered Threshing Floor of size 18.00 x 36.00 Mtr

The roofing system should be designed to withstand the wind load (as per IS 875 part-3) & Earth quake load (As per ISI 893). The design should also comply with any other relevant IS codes.

The steel sheet shall be 3'.0" (914 mm) width (tolerance +/-2mm which shall be curved and molded at site using mechanical press and dies to the desired curves and shape to form 2'.0" (605 mm) approximately wide interlocking panels. These panels shall be erected in position and their seams shall be interlocked panels. These panels shall be erected in position and their seams shall be interlocked and pressed to close the seam forming a water tight joint. Minor color chipping/scratching should be rectified by applying Epoxy lacquer. Necessary arrangement including the supply for the installation of fasteners at the end will be there in the scope of the vendor.

The installation should be done by mechanized methods. Vendor has to mobilize required number of Hydra for transportation of sheets and Cranes for the erection of Seamed Sheets.

Adequate precaution shall be taken by the Vendor during the installation process for the safety of their workers. Safety belts, helmets and other safety equipments for the execution of job must be used, wherever required. Working in height panels installation process shall not be carried out in case of wind velocity at site location is above 22 K.M./ Hrs.

The material of galvalume steel shall have the following specifications:

(a) Material

Imported Galvalume sheets with coating of Aluminum, Zinc and Silicon with following percentage:

Aluminum 55% Zinc: 43.5% Silicon 1.5%	Alloy Coated High Tensile steel.
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(b) Technical details

i. Standard- color Coated GALVALUME steel complying to ASTM A 792

ii. Base Metal Thickness -1.00 mm (Tolerance as +/-0.02mm)

iii. Alloy Coating - AZ 150 (Aluminum 55%,Zinc 43.5%,Silicon 1.5%.

iv. Yield strength -350m

v. Paint Coating- Coating Mass of AZ-150 Regular modified Polyester Top Coat 25 Micron & Bottom Coat 12 Micron.

vi. Color pattern- Combination of two colors (Ratio 50% each)

(c) Inspection and testing

Once the material is received by the agency in India the same will be inspected by the inspection team of SFCI and samples shall be drawn from the same.

Before the sheet is used for roofing at site, these samples will be tested at a reputed laboratory for the following:

- Thickness - 1.00mm
- Top coating- 25 micron & bottom coat. 12 micron
- Yield/Tensile Strength 350 m

Charges for the same if any shall be born by the agency/contractor.

Besides this the agency also need to submit the material test report from the steel mill supplier for each steel coil.

(d) Fixtures:- The fixtures like anchor fasteners. Standard Light Hungers. Turbo ventilators ,and skylights shall be designed to suit the requirement of SFCI Each godowns to have a combination of Turbo Ventilator (Aluminum) of size 24 inches Capacity 2200 CFM, with a Skylight of 2mm .Thick polycarbonate sheet of size 2 foot x 7 foot, to be installed at a distance of 30 foot along the length of the building.

TESTING OF MATERIAL

- Thickness
- Tensile strength
 - Coating Mass AZ 150

Testing charges. If any, shall be born by the agency.

STANDARDS:- The Galvalume Steel Supplier shall be ISO certified and shall follow International standard for Galvalume sheet roofing.

Fixture:- The fixtures like fasteners, turbo ventilators translucent sheets shall be designed to suit the requirements of NSC.

Supply & fixing Galvalume sheets roofing 1 mm thick round shape with turbo ventilators (38.00 M x 22 M)

836 Sqm

G.SCHEDULE FOR ONE NUMBER = 836 SQM @ 1600 Rs./Sqm = 1337600/-

G.SCHEDULE FOR FIVE NUMBER = Rs. 1337600 X 5 NO'S = 6688000/-

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. Construction of Gutter Beam will be supervised by your representative.
5. 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