



NATIONAL SEEDS CORPORATION LIMITED

(A Govt. of India Undertaking)
22-C, SIDCO, Indl. Estate, Ambattur
CHENNAI – 600098.

No.7(2)/Engg/NSC-CHN/2014-15

Date:21.11.2014

NOTICE INVITING TENDER

National Seeds Corporation Ltd.,(NSC) invites the sealed quotations from the contractors registered with Central/State Govt. and having experience in the similar kind of works for the repairs of boundary wall, repairs and maintenance works of building including electrical installation at Trichy.

Interested parties may obtain tender document from the above address up to **08.12.2014 (2.00 P.M)** on payment of Rs.1000/- (Rupees One Thousand Only - Non refundable) by DD in favour of National Seeds Corporation, Chennai. Duly filled in tenders will be received up to 3.00 p.m. on **08.12.2014** & will be opened on the same day at 3.30 p.m. at Area Office , National Seeds Corporation Ltd., 16/1, Williams Road, Cantonment,Trichy-620001. Tender forms can be downloaded from www.indiaseeds.com for which payment will be received along with tender offer and also can purchased from Area Office, NSC, Trichy (Ph.No.0431-2460080/09500031864).

Regional Manager



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The contractor may quote the competitive rate against the item of work given in the schedule of quantity enclosed here with as per the following conditions:-

1.

a) The Contractor shall provide the attested copy of Registration valid as applicable.

b) Copy of PAN, TIN/VAT, PF & ESI if any applicable.

C) Income Tax return for the previous two years.

1. Earnest money deposit (EMD) of Rs.27000/- (Rupees Twenty Seven Thousand Only) shall be deposited in the form of DD in favour of National Seeds Corporation Ltd., Chennai which shall be refunded after accepting the order and will be considered as the part of security to whom award the work.
2. An Amount @ 5% of the job order value shall be deposited by DD at the time of accepting the order, shall be refundable after completion of work.
3. An amount @ 10% shall be deducted as security from the payment against work done and shall be retained for six month considering defect liability period and will be refunded on satisfactory completion.
4. Statutory deduction shall be made as per the Govt. Rules.
5. The rate shall be includes all materials Labours, tools and plants up to requisite height & depth for the finished work.
6. The completion period of work shall be 3 Months.
7. Corporation reserves the right to accept or reject any / all quotations/ tenders without assigning any reasons what so ever and decision of the corporation shall be final and binding on the party.

Regional Manager

	NATIONAL SEEDS CORPORATION LTD.				
	DETAILED ESTIMATE FOR REPAIRS OF BOUNDARY WALL, PARAPET WALL OF PROC. PLANT, SEED STORE, TERRACE OF SEED STORE , BALCONY/ PARDI WALL OF OFFICE BLOCK , TOILET AND RE-STORING OF WATER SUPPLY ETC AT NSC TRICHY (TAMILNADU)				
SL.NO	DESCRIPTION OF WORK	QUANTITY	UNIT	RATE IN Rs.	AMOUNT IN RS.
1	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of the area cleared.	1280	sqm		
2	Demolishing C.C.,R.C.C.,Brick and stone masonry work manually/ by mechanical means including stacking of steel bars and disposal of unservicable material within 50 metres load as per direction of Engineer-in-charge. —				
	Brick work in cement mortar needs re-construction of damaged portion due to fallen tree	3.97	cum		
	R.C.C. Copping/ pardi & projections	5.95	cum		
	Nominal cement concrete 1:3:6 or richer mix (i/c equivalent design mix)	3	cum		
3	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground.				
	For door/ window/ clerestory window	2.5	sqm		
4	Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches, stacking, spreading, dressing and consolidation of the surplus excavated soil in each layers of 500 mm thick clear from edges of excavation complete as directed with in lead up to 100m .In all kinds of soil	48.57	cum		
5	Supplying and filling in Plinth with river sand under floors, including watering, ramming, consolidating and dressing complete.	12.48	cum		

6	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded grainite metal machine mixed, concrete laid in layers not exceeding 15 cms.thickwell compacted, in foundation and plinth,including cost of all materials, labour, HOM of machinery, curing complete as per specification.	13.38	cum		
7	Brick 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) (item 6.1.2)	6.87	cum		
8	Brick common burnt clay F.P.S (non modular) bricks of class designation 7.5 in super structure in: Cement mortar 1:6 (1 cement : 6 coarse sand) (item 6.1.2)	7.13	cum		
9	Providing and laying cement concrete in returning walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, post, struts, buttresses, string or lacing course, parapets, coping bed blocks, achor blocks, plain window sills, fillets, etc. up to floor five level, excluding the cost of centering, shuttering and finishing.				
	1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	10.86	cum		
10	Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm nominal size) with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated excluding the cost of centering and shuttering and reinforcement for all works above plith level	4.14	cum		
11	Providing mild steel reinforcement for R.C.C work including srtaightening, position, lapping and / or welding cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications				
	Cold twisted bars for item no. 5.2.2	325	kg		
12	Providing and removing centering, shuttering, strutting, propping etc., and removal of from work for sides and soffits of beams, beam haunching, cantilever girders, bressumers and intels not exceeding 1m in depth including cost of all materials, laboure coplete as per specification.				
	Up to Plinth level (Office Block)	18.4	sqm		
	Above plinth level	115	sqm		

13	Smooth finishing of the exposed surface of R.C.C. work with 6 mm thick cement mortar 1:3 (1 Cement : 3 fine sand).	209.50	sqm		
14	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineering-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.	330.00	sqm		
	Note: - This item to be used for maintenance work judicially, necessary deduction for scaffolding in the existing item to be done.				
15	Providing and laying water proofing treatment by i) applying cement slurry @0.244 kg per sqm mixed with water proofing compound @0.13 kg per sqm and allowed to air cure for four hours. The second layour of cement slurry @ 0.12 kg per sqm mixed with water proofing compound @0.06 kg per sqm and shall be allowed to air cure for four hours followed with water curing for 48 hours.The rate includes preparation of surface,treatmentand sealing of all joints,corners , junctions of pipes and masonry with polymer mixed slurry.	594	sqm		
16	Renewing glass panes with putty and nails wherever necessary including racking out the old putty, rubbing ,cleaning , welding etc and making windows freely openable.				
	Flot glasspanes of 4 mm thickness	9.00	sqm		
	Flot glasspanes of 5.5 mm thickness	11.25	sqm		
17	Providing and fixing on wall surface 4.0 kg / sq. cm H.D.P.E.rain down water pipes 110mm outer dial.Approved make and brand with necessary specials like shoes, bends and ofsetts fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications.	18	mtr		

18	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 :				
	In 75x75 mm deep chase	176.00	metre		
19	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. Sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	8	each		
20	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead :				
	With cement mortar 1:4 (1 cement : 4 fine sand)	75.00	sqm		
	With cement mortar 1:4 (1 cement : 4 coarse sand)	175.4	sqm		
21	Providing and fixing aluminium / Acrylic sheet over the door shutters for protecting from water.	19.36	sqm		
22	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	23.00	cum		
23	12 mm cement plaster of mix 1:4 (1 cement: 4 coarse sand)	48.5	sqm		
24	15 mm cement plaster on rough side of single or half brick wall of mix 1:4 (1 cement: 4 coarse sand)	42.5	sqm		
25	Removing dry or oil bound distemper, water proofing cement/ bitumenous sheet surface and the like by scraping plaster, sand papering, watering rubbing and preparation of the surface smooth and including necessary repairs to scatches etc. complete.	1125	sqm		
26	White washing with lime to give an even shade				
	New work (three or more coats)	227.00	sqm		
	Old work (two or more coats)	2230.00	sqm		
27	Distemping with oil bound washable distemper or approved brand and to give an even shade .				
	Old work (two or more coats)	243	sqm		

28	Finishing walls with water proofing cement paint of required shade				
	New work (Two or more coats applied@3.84 kg/ 10 spm)	179.00	sqm		
	Old work (two or more coats)-godown,office and boundary wall	1400.00	sqm		
29	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade				
	Two or more coats on new work	25.00	sqm		
	Two or more coats on old steel/wood work-	252.17	sqm		
	Repairs of barbed wire fencing				
30	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be struted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used.				
	With G.I. barbed wire	300	metre		
31	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.	36	Kg.		
	Road surfacing				
32	Providing and applying tack coat using hot straight run bitumen of grade VG - 10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications :				
	On W.B.M. @ 0.75 Kg / sqm -no bitumen surface appears	637.5	sqm		
33	2.5 cm premix carpet surfacing with 2.25 cum and 1.12 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately).				
	With paving Asphalt grade VG - 10 heated and then mixed with solvent at the rate of 70 grams per kg of asphalt	637.50	sqm		

34	Providing and laying seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG - 10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with road roller all complete.	637.50	sqm		
	Sanitary and water supply installations.				
35	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :				
	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	3	each		
36	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. Brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :				
	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	3	each		
37	Providing and fixing G.I. inlet connection for flush pipe connecting with W.C. pan.	3	each		
38	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	32 mm dia	3	each		
39	Providing and fixing 100 mm sand cast Iron grating for gully trap.	9	each		
40	Providing and fixing in position 25 mm diameter mosquito proof coupling of approved municipal design.	9	each		
41	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	3	each		
42	Cutting chases in brick masonry walls for following diameter sand cast iron/ centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 (1 cement : 3 coarse sand :6 graded stone aggregate 12.5 mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand):				
	100 mm dia	3	metre		
	75 mm dia	3	metre		
	50 mm dia	3	metre		

43	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	3	each		
44	Providing and fixing Polyethelene-Aluminium-Polyethelene (PE-ALPE) Composite Pressure Pipes conforming to IS - 15450, U.V.stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80 OC, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with trenching, refilling and testing of joints complete as per direction of the engineer in charge				
	External / Internal - Exposed / consealed on walls, under road for supplying and distribution from Pump to over head water storage tank to G.F. & F.F. Toilet				
	1216 (16 mm OD) pipe	36	metre		
	1620 (20 mm OD) pipe	30	metre		
	2025 (25 mm OD) pipe	18	metre		
	2532 (32 mm OD) pipe	30	metre		
45	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.				
	1000 litre capacity polyethylene water storage tank is available without cover, connection to be made complete with fitting etc.	1	Job		
	C.P. BRASS F ITTINGS for G.F. & F.F. Toilet				
46	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
	15 mm nominal bore	3	each		
47	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	3	each		
48	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.				
	15 mm nominal bore	6	each		
49	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 a) 15 mm nominal bore				
	15mm nominal bore	6	each		
50	Providing and fixing PTMT, push cock of approved quality and colour.				
	15 mm nominal bore, 98 mm long, weighing not less than 75 gms	3	each		

51	Providing and fixing PTMT grating of approved quality and colour.				
	Circular type				
	100 mm nominal dia	3	each		
	125 mm nominal dia with 25 mm waste hole for grating of waste water &R.W.P.	11	each		
52	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D.plastic ball for water storage tank.				
	15 mm nominal bore, 105 mm long, weighing not less than 138 gms	1	each		
	25 mm nominal bore, 152mm long, weighing not less than 440 gms	1	each		
53	Cutting holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete so as to make it leak proof.	10	each		
54	Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc.	50	metre		
55	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 @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	45	sqm		
56	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.	13.50	sqm		

57	Internal electrification in office block,plant and repairs of panel in security room including wiring,switch boxes for light fittings - 1o nos, ceiling fan -7 nos ,exhaust fan - 3 nos and 7 exhaust fan for Proc.Plant and SeedStore etc.	1	Job		
	Note:- The rate shall includes the cost of all materials,labours,tool and plants up to requisit height and depth for finished work.				

Signature of Contractor with seal