

E-TENDER NOTICE

The E-tenders are invited from the eligible bidders through online bids in the website: <http://etender.hry.nic.in> for field operations/work (For Farm Area, Research Farm Area & Palledari work) in the University through e-tendering at Central Level for empanelment of contractors for the period from 01.09.2026 to 31.03.2028. Details of field operations/work for Farm Area, Research farm area and Palledari work to be got done through e-tendering have been furnished in the proforma placed below:

(A) Detail of field operations/work for Farm Area :

Sr. No.	Name of field operation/ works for farm area	Accounting Unit	Approx rate per Unit (Rs.)	Total Area/ Unit	Approx Expenditure (Rs.)	EMD Amount (Rs.)
1	Harrowing	Acre	525	16582	8705550	
2	Ploughing/weeding by cultivator	Acre	245	3236	792820	
3	Ploughing by Rotavator	Acre	980	536	525280	
4	Planking	Acre	165	3182	525030	
5	Sowing of crops with seed drill including lifting of seed from store	Acre	450	2883	1297350	
6	Sowing by hand plough including lifting of seed from store	Acre	4500	69	310500	
7	Thinning in Rabi, Kharif & Summer seasons crops	Acre	1150	1210	1391500	
8	Leveling of field by laser leveler	Hour	900	3275	2947500	
9	Hiring of JCB machine for uprooting of wild plants, cleaning etc.	Hour	940	2100	1974000	
10	Broadcasting of fertilizer/zypsum in crops of Rabi, Kharif & Summer seasons including loading from store and unloading in field	Quintal	190	6647	1262930	
11	Manual hoeing by Kasola in crops of Rabi, Kharif & Summer seasons.	Acre	2450	4860	11907000	
12	Hoeing by Khurpa in crops of Rabi, Kharif & Summer seasons.	Acre	4600	215	989000	
13	Hoeing with kasola after tractor hoeing in crops of Rabi, Kharif & Summer seasons.	Acre	1700	904	1536800	
14	Rouging in crops of Rabi, Kharif & Summer seasons.	Acre	250	6353	1588250	
15	Manual harvesting to bagging of Rabi, Kharif & Summer seasons crops except Wheat, Barley & Oat, all operations i.e. manual harvesting, bundle making, collecting in khalian, threshing with their own thresher, cleaning, weighing, bagging, Sewing and stacking in store. Bhusa of Gram, Moong, Guar, Barseem, Urd, Febabean, cowpea, Karbi of Bajra, Jwar, Maize, Stick of Dhaincha, Arher, Mustard/Raya, Til sunflower, Soyabean crops will be of contractor. Tirpal, jeli, tangli etc. will be provided by the contractor. Transportation from field to stores will be provided by the university.	Acre	4500	1405	6322500	
16	Manual harvesting to bagging of Wheat, Barely & Oat crops, all operations i.e. manual harvesting, bundle making, collecting in khalian, threshing with their own thresher, cleaning, weighing, bagging, Sewing and stacking in store. Bhusa of Wheat, Barely & Oat will be of the Contractor. Tirpal, jeli, tangli etc. will be provided by the contractor. Transportation from field to stores will be provided by the university.	Acre	2500	54	135000	

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17	Harvesting and threshing by combine of Rabi, Kharif & Summer seasons crops including cleaning, weighing, bagging, Sewing and stacking in store. Mopping up with combine harvester. Contractor will have to do manual harvest also of the crop plots along with the bunds/ channels and thresh. Transportation from field to stores will be provided by the university.	Acre	1900	1749	3323100	
18	Threshing by thresher. Transportation from field to stores will be provided by the university	Acre	4300	2	8600	
19	Cleaning of Katcha/Pacca irrigation channel	Metre	4.4	559900	2463560	
20	Path cleaning/ maintenance of path	Metre	2.4	1081587	2595808.8	
21	Irrigation by Burma/Canal/Tubewell	Acre	420	17502	7350840	
22	Spraying by tractor mounted sprayer pump	Acre	290	15176	4401040	
23	Manual Spraying	Acre	450	1358	611100	
24	General Cotton Picking	Quintal	2300	610	1403000	
25	Experimental Cotton picking	Quintal	2700	380	1026000	
26	Sowing of Crops with superseeder	Acre	1900	820	1558000	
27	Transportation of farm produce from RDS Seed Farm to RDS office including loading and unloading	Quintal	28	7500	210000	
28	Animals scaring for Crop safety	Acre	200	3200	640000	
29	Lining, delining, periodical shifting, cleaning and lifting of drip system including irrigation/fertigation in horticultural/ vegetable/field crops per season	Acre	3000	30	90000	
30	Lining, delining, periodical shifting, cleaning and lifting of sprinkler system including irrigation/fertigation in horticultural/ vegetable/ field crops per season	Acre	2000	120	240000	
31	Manual harvesting to bagging of Rabi, Kharif & Summer seasons crops except Wheat, Barley & oat, all operations i.e. manual harvesting, bundle making, collecting in khalian, threshing with their own thresher, cleaning, weighing, bagging, Sewing and stacking in store. Bhusa of Gram, Moong, Guar, Barseem, dhaincha stick and Mustard/Raya crops will be of contractor. Tirpal, jeli, tangli etc. will be provided by the contractor. Transportation from field to stores will be provided by the contractor.	Acre	4800	2200	10560000	
32	Harvesting and threshing by combine of Rabi, Kharif & Summer seasons crops including cleaning, weighing, bagging, Sewing and stacking in store. Mopping up with combine harvester. Contractor will have to do manual harvest also of the crop plots along with the bunds/ channels and thresh. Transportation from field to stores will be provided by the Contractor	Acre	2200	2400	5280000	
Total					83972059	
Rounded off					8,39,73,000/-	8,39,730/-

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Detail of field operations/work for Research Farm Area:

Sr. No	Name of field operation/ works for farm area	Accounting Unit	Approx rate per Unit (Rs.)	Total Area/ Unit	Approx Expenditure (Rs.)	EMD Amount (Rs)
	Field Preparation and Sowing Operations for research farm area					
i	All Field operations with university tractor (sowing, ploughing, hoeing, channel making, bund making etc.)	Hour	85	23140	1966900	
ii	Manual layout and sowing work (digging and leveling of corners, making of bunds, ridges, rake work, channel making, keeping and lifting of seed packets, application of agrochemical /fertilizer/cultures, FYM. sowing etc.) for field crops.	Acre	6870	464	3187680	
iii	Manual layout and sowing work (digging and leveling of corners, making of bunds, ridges, rake work, channel making, keeping and lifting of seed packets, application of agrochemical /fertilizer/cultures, FYM, sowing etc.) for Wheat/barley/sorghum/oats/berseem/ MAP crops.	Acre	8600	219	1883400	
iv	Manual layout and sowing/transplanting work: (digging and leveling of corner, rake work, making and dressing of beds/ridges, marking, seed treatment, application of fertilizer/agrochemicals/ FYM, channel making, seed preparation for sowing/planting, keeping and lifting of seed packet/bulb/tuber/seedling, sowing/ transplanting/ planting etc.) for seed spices and vegetable crops except onion, garlic and potato	Acre	17500	64.5	1128750	
v	Manual layout and sowing/transplanting work: (digging and leveling of corner, rake work, making and dressing of beds/ ridges, marking, sorting of seed/tubers, seed treatment, application of fertilizer/agrochemicals/ FYM, channel making, seed preparation for sowing/ planting, keeping and lifting of seed packet/bulb/tuber/seedling, sowing /transplanting/planting etc.) for onion, garlic and potato	Acre	23000	28	644000	
vi	Manual layout and sowing/transplanting work: (digging and leveling of corner, dressing of beds/ridges, seed treatment, application of fertilizer/ agrochemicals/ FYM ,marking, channel making, seed preparation for sowing/ planting, sorting of seed/tubers, keeping and lifting of seed bag/bulb/ tuber/seedling,sowing/transplanting/planting with university tractor etc.) for seed spices and vegetable crops except onion, garlic, Mulethi, Sataver, alovera.	Acre	11500	56	644000	
vii	Seed preparation/arrangements for different experiments, germplasm, breeding material etc. upto 1 KG	Sample / Entry	4.75	91300	433675	
viii	Weighing and application of manures/ fertilizers/weighing of seeds/ agrochemicals/soil/plant sampling for different experiments	Sample / Entry	4.75	16470	78232.5	
ix	Activity of gap filling and crust breaking for bajra and cotton crops	Acre	4500	73	328500	
x	Activity of gap filling and crust breaking for other crops	Acre	2750	99	272250	
2	Labeling/Bamboo Fixing/ Selfing Cage/Cloth Bags for research farm area				0	
i	Cutting and fixing of wooden label sticks	Stick	2.75	48000	132000	

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ii	Preparation of luggage labels, pegging and tagging in different experimental plots, breeding material, germplasm etc.	Label	2.75	135000	371250	
iii	Bamboo fixing, tying/untying of cloth bags/pheromone trap installation	Bamboo	19	1210	22990	
iv	Fixing and removal of selfing cages with iron pipes/bamboo and picking of old flowers	Cage	95	160	15200	
v	Digging of hole fixation of bamboo and stacking with sutli, trailing of vine on bamboo structure, maintaining of vine	Acre	15500	6	93000	
3	Experimental plot irrigation, micro/drip irrigation and dewatering for research farm area				0	
i	Experimental plot manual irrigation including cleaning of channels etc.	Acre	950	2046	1943700	
ii	Need based dewatering operations in the field, manually/with pump.	Acre	950	276	262200	
iii	Lining, delining, periodical shifting, cleaning and lifting of drip system including irrigation/fertigation in horticultural/vegetable/field crops per season	Acre	2950	30	88500	
iv	Lining, delining, periodical shifting, cleaning and lifting of sprinkler system including irrigation/fertigation in horticultural/vegetable/field crops per season	Acre	1940	0	0	
4	Manual work of selfing, crossing and maintenance of male sterile lines for research farm area				0	
i)	Selfing in Rapeseed/mustard/vegetable/ MAP crops	Plant	13.5	14500	195750	
ii)	Selfing in Bajra/Sunflower/til/sorghum	Flower / Earhead	2.75	180000	495000	
iii)	Selfing in Cotton (For 60 days)	Kanal	48500	6	291000	
iv)	Emasculation & pollination in rapeseed/mustard/sorghum/cotton/guar	Plant	46	17000	782000	
v)	Emasculation & pollination in wheat/barley/oats	Earhead	19	5900	112100	
vi)	Emasculation & pollination in pulses/vegetable/MAP crops/bajra/fababen/sun flower/til	Flower/ Earhead	9	56100	504900	
vii)	Maintenance of GMS line for 60 days	Kanal	58500	3.5	204750	
viii)	Maintenance of A, B and R Lines in rapeseed and mustard	Plant	38	8600	326800	
ix)	Maintenance of A, B and R Lines in sorghum	Plant	9.5	5000	47500	
5	Harvesting and Threshing Work for research farm area					
i	Research plots and border row (separate) harvesting manually including collection and bundle making for oats/wheat/barley/rapeseed/ mustard/ bajra/pulses/maize/ guar/sunflower/til/ sorghum/MAP crops	Acre	5850	406	2375100	
ii	Research plots and border row (separate) threshing manually for oats/rapeseed/mustard/ bajra/pulses/ maize/sunflower/til/sorghum/MAP crops	Acre	11500	179	2058500	
iii	Research plots threshing with plot thresher and arrangement of bundles for wheat/barley/oats/ bajra/MAP crops	Acre	5850	214	1251900	
iv	Manual collection, loading, unloading of harvested produce from different locations in the field	Acre	1150	283	325450	
v	Manual harvesting, threshing, cleaning, bundle making, bagging and shifting of single/double rows produce to store.	Meter	24	17000	408000	

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vi	Weighing of trials after threshing and bagging of research material/seed/ produce, stocking/ arranging in store	Sample	3	45000	135000	
vii	Harvesting of cross/self material in rapeseed/mustard/vegetable crops	Sample	5.5	16600	91300	
viii	Harvesting of cross/self material in pulses/til/MAP crops	Sample	2	20600	41200	
ix	Harvesting of cross/self material in bajra/sorghum/ wheat/barley/sunflower/guar	Sample	1	170400	170400	
x	Threshing, cleaning, drying, packing and keeping in store of cross/self material in rapeseed/mustard/ vegetable crops	Sample	6.5	27000	175500	
xi	Threshing, cleaning, drying, packing and keeping in store of cross/self material in wheat/ barley/ oats/ guar/ til/pulses/MAP crops	Sample	3	36150	108450	
xii	Threshing, cleaning, drying, packing and keeping in store of cross/self material in bajra/sorghum/ sunflower	Sample	6	37000	222000	
xiii	Harvesting of green fodder including weighing, loading and unloading	Acre	7000	50	350000	
xiv	Picking of cross bolls / Single plant in cotton crops	Plant	6.5	30000	195000	
6	Ginning, cleaning, delinting of cotton for research farm area					
i)	Ginning of samples upto 100 gram	Sample	22	24000	528000	
ii)	Ginning of samples upto 1 kg	Sample	102	200	20400	
iii)	Bulk ginning on roller gin and cleaning	KG	97	10000	970000	
iv)	Acid delinting of small and large samples (upto 5 kg sample)	Sample	97	600	58200	
v)	Maintenance of ginning machines per season	Season	48000	1	48000	
7	Collection and Preparation of samples for analysis for research farm area					
i)	Sample collection of soil/plant/fruit/shoot/root/seed/ flower/leaf/water etc.	Sample	4.75	40250	191187.5	
ii)	Sample collection of soil/root sample (upto 1 meter depth)	Sample	14	11800	165200	
iii)	Sample collection of soil/root sample (upto 1-2 meter depth)	Sample	18	850	15300	
iv)	Collection of wheat grain samples from different grain market of Haryana and assessment of karnal bunt and black point disease in the samples.	Sample	14	5000	70000	
v)	Sample preparation, grinding, weighing, drying, washing estimation etc. of all crops	Sample	36.5	96550	3524075	
8	Help in data recording (Plant wise / Kanal wise)					
i	Rapeseed/mustard/cotton crops (Plant wise)	Plant	35	41490	1452150	
ii	Bajra/sorghum/sunflower/til/guar/MAP/horticulture/forage/pulses crops/vegetable crops (Plant wise)	Plant	7	112580	788060	
iii	Forestry/fruit trees/wheat/barley (Plant wise)	Plant	3	44830	134490	
iv	Cotton (Kanal wise)	Kanal	4390	287	1259930	
v	Rapeseed/mustard/wheat/barley/bajra/ (Kanal wise)	Kanal	480	414	198720	
vi	Vegetable Crops (Kanal wise)	Kanal	478	508	242824	
vii	Cotton (Boll Weight, GOT, Seed Index, etc.)	Sample	48	20100	964800	
9	Separation of rows in germplasm/breeding material/ experimental for research farm area					
i	Field crops	Acre	1750	28	49000	
ii	Vegetable/seed spices crops	Acre	11300	2	22600	

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10	Maintaining of genetic purity in breeding trials and seed plots for research farm area				
i)	For all crops (Except Wheat/Barley/ vegetable crops)	Acre	1150	129	148350
ii)	For Wheat/Barley/vegetable crops	Acre	2850	120	342000
11	Help in selection, harvesting, cleaning, threshing, packing, drying of single plant/ear/breeding material/ germplasm etc. for research farm area				
i)	Wheat/barley/oats/berseem	Plant	3.9	34000	132600
ii)	Rapeseed/mustard/bajra/sorghum/til/sunflower/v egetable crops/ horticulture/ pulses/ guar/MAP crops	Plant	9.5	33600	319200
12	Manual seed counting and weighing for research farm area				
i)	100 seeds	Sample	3	34800	104400
ii)	1000 seeds	Sample	5	21500	107500
13	Manual work of binding and removal of crop stover after harvesting for research farm area				
i)	All crops except cotton	Acre	2850	141	401850
ii)	Cutting and removal of cotton	Acre	5750	98	563500
14	Experimental seed cleaning of research material for research farm area				
i	Small seeded crops	KG	148	1705	252340
ii	Large seeded crops wheat, barley, gram, etc.	KG	9.5	4950	47025
15	Manual work at integrated faming system unit for research farm area				
i	Cutting of dry and green fodder, lifting from field, chaffing of fodder, making of concentrate, feeding of stover/straw/ concentrate, cleaning of animals and shed, watering, milking and supply to department of LPT, LUVAS per month	Animal	6300	126	793800
ii	Vermicompost and biogas preparation : Lifting waste material, watering, mixing, sieving, application and separation of earth warms, cleaning, packing and supply to market.	Qtl	800	561	448800
iii	Mushroom cultivation : Composting, spawning, casing, temperature maintenance, harvesting, packing and selling.	Qtl	3700	84	310800
iv	Drought plot of size 6x1x3 experiments (cleaning and plot preparation manually, mixing of fertilizers, sowing of crops, irrigation, gap-filling and thinning, root washing, data recording at different stages and re-filling with sand)	Plot	1190	187	222530
16	Manual work of pruning and training for research farm area				
i	Pruning/training of horticultural crops including collection of pruned material (Guava, Mango, citrus, sapota)	Tree	48	2330	111840
ii	Pruning/training of horticultural crops including collection of pruned material (Peach, pear, plum, apple, grapes, Pomegranates)	Tree	95	930	88350
iii	Preparation of various bio formulation of natural farming including collection of raw material (cow dung, urine, neem leaves and other biomaterial etc.) Liquid formulation	Liter	5	24000	120000
iv	Preparation of various bio formulation of natural farming including collection of raw material (cow dung, urine, neem leaves and other biomaterial etc.) Solid formulation	Kg	10	7500	75000

17	Manual work of Fish pond operation for research farm area					
i)	Cleaning of fish pond (in & out side)	Acre	46000	12	552000	
ii)	Desilting of perennial ponds	Acre	46000	11	506000	
iii)	Fishnetting operations/harvesting of fishes including loading and unloading with vehicle	Day	7300	19	138700	
18	Manual digging, selection, cutting, cleaning and drying of roots for research farm area					
i)	Mulethi	Acre	46000	1	46000	
ii)	Satvari, Ashawgandha, vetivar etc.	Acre	11500	2	23000	
19	Loading/Unloading/Spreading of FYM/Organic Manures/sand/ fertilizer along with tractors and trolley for research farm area					
i	Loading/Unloading of FYM/Organic Manures/sand/fertilizer along with tractors and trolley of size 12x6x4 (upto 15 Km preferably from animal science)	Trolley	740	780	577200	
ii	Loading/Unloading including spreading of FYM/Organic Manures/ sand/fertilizer along with tractors and trolley of size 12x6x4 (upto 15 Km preferably from animal science)	Trolley	1145	545	624025	
20	Manual hoeing and earthing work for research farm area					
i)	Manual hoeing with wheel hoe in experimental plots	Acre	1640	94	154160	
ii)	Earthing up and hoeing in vegetable crops / field crops	Acre	11600	57.6	668160	
iii)	Earthing up and hoeing in medicinal plants	Acre	2850	5	14250	
21	Help in Fatty acids/Biochemical/ Molecular/ Physiological/ Residue work for research farm area					
i)	Wheat/Barley/Bajra/Pulses/Forage/MAP/vegetable Crops and agro chemical residue	Sample	95.5	30130	2877415	
ii)	Cotton/Oilseed Crops	Sample	236	1875	442500	
22	Help in data recording for research farm area					
i.	Manual work of honey bees maintenance, colonies including their daily examination, migration, extraction of honey & other hive products for one year	Beehive	3390	170	576300	
23	Manual Uprooting/digging of roots, layout and planting work for research farm area					
i)	Digging/uprooting of roots, Sorting, help in selection, cutting of roots for steckling, loading and unloading, shifting to field/store,	Acre	15390	5	76950	
ii)	Manual layout of field, digging and leveling of corner, rake work, making and dressing of beds, application of fertilizer/agrochemicals/ FYM, channel making, keeping and lifting of steckling and planting followed by irrigation and weedicide application etc.)for root crops.	Acre	9690	12	116280	
24	Manual weeding/hoeing work in vegetable crops for research farm area					
i)	With Khurpa in onion, garlic and seed spices crops.	Acre	19250	33	635250	
ii)	Manual weeding/hoeing with Kasola in all vegetable crops.	Acre	8100	154.95	1255095	
iii)	Thinning in carrot, radish, seed spices and other vegetable crops manually	Acre	15100	44	664400	
25	Manual harvesting/picking of vegetables (mature/ immature stage) in different stage for research farm area					

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i)	Harvesting/picking, bunching/bagging , weighing, counting and shifting to store . (Leafy vegetables, beans, cucurbit and cole crops)	picking/ kanal	570	284	161880
ii)	Harvesting/picking, bunching/bagging , weighing, counting and shifting to store . (Tomato,brinjal, pea)	picking/ kanal	840	182	152880
iii)	Harvesting/picking, bunching/bagging , weighing, counting and shifting to store . (Okra, chilli crops)	picking/ kanal	1160	74	85840
26	Manual harvesting and threshing of vegetable crops for research farm area				
i)	Harvesting, bundle making, collection in field, threshing, winnowing, cleaning, drying, bagging, keeping in seed store (seed spices, root crops, palak, okra, bottle gourd, ridgegourd, pea and beans etc.)	Acre	19400	37	717800
ii)	Harvesting, bundle making, collection in field, threshing, winnowing, cleaning, drying, bagging, keeping in seed store for Vegetable seed spices research crops	Acre	23800	4	95200
iii)	Harvesting, collection in field,chopping/ crushing of fruits, adding water, stirring, covering, cleaning, washing, drying, cleaning, winnowing, bagging and keeping in store (Tomato, brinjal cucumber, bittergourd, melon group,	Acre	26950	7	188650
iv)	Haulm/leaf cutting, digging, bunching, bagging, loading and unloading, sorting, grading, weighing and keeping in storage) of potato, onion and garlic crops	Acre	26300	15.8	415540
v)	Haulm/leafcutting, digging with tractor, bunching, bagging, loading and unloading, sorting, grading, weighing and keeping in storage) of patato	Acre	17200	12	206400
27	Vegetable seed store management: for research farm area				
i)	Vegetable seed store and machinery cleaning/care, help in sampling of seed for germination test, seed handling in storage, further cleaning, fumigation of seed, grading, drying of seed in store and other day to day work in store	Season	87000	5	435000
ii)	Preparation of Kitchen garden packets (5-7 small pkts. of seasonal vegetable packed in one pkt)	Kit	13	7000	91000
28	Field Preparation and planting works of forestry for research farm area				
i)	Manual field preparation, layout, digging of pits (depth - 3 feet, width- 3 feet diameter), putting of FYM/compost, fertilizer, sand in pits, transplantation of plant, shifting of plants to field/nursery, irrigation, weeding (15 days interval), replanting of dead plant (up to one year)	Acre	19300	5	96500
ii)	Irrigation by water tanker in transplanated plants/trees	Plant	5.5	8000	44000
iii)	Pruning/training of trees, collection, loading and unloading (upto 5 km distance).	Plant	10	2500	25000
iv)	Pruning/training of ornamental plants, collection, loading and unloading (upto 5 km distance), renovation of pits.	Plant	20	3500	70000
v)	Cleaning the area around the tree base (radius - 4 feet)	Tree	4.75	4500	21375
vi)	Whitewash and terracotta on trees upto 1.5 meter height	Plant	9	3000	27000
vii)	Digging of pits, installation of cemented poles, fitting of barbed wire on and between cemented poles (four layer of barbed wire)	Pole	29	500	14500

viii	Layout of field, digging of pits (approx 2X3 feet), preparation of mixture (FYM/compost/fertilizer/sand etc.) and filling of mixture (FYM/compost/fertilizer/sand etc.) in pits. Shifting of plants from nursery/field (loading/unloading) to the planting site and planting at research farm/nursery and one irrigation just after planting.	Pits	40	2500	100000	
ix	Layout of field, Digging of pits by hand auger (small size), preparation of mixture (FYM/compost/fertilizer/sand etc.) and filling of mixture (FYM/compost/fertilizer/sand etc.) in pits. Shifting of plants from nursery/field (loading/unloading) to the planting site and planting at research farm/nursery and one irrigation just after planting.	Pits	7	3500	24500	
x	Grafting/ air layering /budding etc. of different tree species	Plant	30	4000	120000	
29	Work in Modern Indigenous Seed Bank					
i.	Round the clock monitoring/recording of temprature of the Refrigeration units & relative humidity of dehumidifier units of different chambers. Sample collection, Seed cleaning, seed preparation, packing manually for germplasm lines of different crops, test the moisture content, drying the sample, shifting of sample from one chamber to another chamber, counting of seeds, weighing of seeds, watering of plants and maintenance/ general cleanness inside the chamber and outside all around the modern indigenous seed bank. .	Day	1200	570	684000	
30	Tissue culture plant production for research farm area					
i	Operation of tissue culture lab (600 Sq meter) including washing of glassware and plasticware, media preparation, sterilization, loading unloading and storage of media, sub-culturing of tissue culture plants on laminar air flow. Shifting of cultured bottles to growth roomm or to culture room, cleaning of laboratory and all other connecting works.	Square meter/month	42	11400	478800	
ii	Maintainence of green house and net house (6000 sq meter) including preparation of potting mixtures, filing of pro trays/poly bags of different sizes, transplanting of plantlets (tissue culture raised)/seedling in pro trays and their maintenance, packing and delivery of plants from green house/net house, cleaning of area in and around green house/net house, Spray of pesticides and fertilizer, irrigation and weeding in green house and net house and all other connectng works.	Square meter/month	21	114000	2394000	
31	Pot Experiments in screenhouse / green house/ Net house/Cactus House					
i)	Raising of seedling in pots, daily watering, labelling, data recording, harvesting, threshing, packing, washing of soil sample and isolation	Pot / Sample	21.5	12600	270900	
ii)	Water changing in aquarium, adding feed to fishes, measurement of body length & weight of fishes, preparing/ mixing/pulverizing/mulching of rice straw/wheat straw in cow dung topsy-turvy of prepared material for vermicomposting, vermicompost harvesting, counting of eggs of earthworms, counting of adult earthworms.	Sample	45	11000	495000	
32	Nursery raising work manually					

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i)	Nursery raising (3x1 meter) manual preparation of nursery bed, mixing of FYM, sowing of seed, irrigation with rose cane, weeding, application of FYM and agro-chemical upto 45 days	Bed	390	1552	605280	
ii)	Protray Nursery raising: (Preparation of media, filling of protrays, seed sowing, irrigation, fertigation in protrays and after care up to 45 days)	Protray	96	9250	888000	
33	Forestry Nursery raising work manually					
i)	Raising nursery of different tree species through seed/cutting, Irrigation, weeding, application of fertilizer, uprooting, loading	per acre	32800	1	32800	
ii)	Preparation of mixture (sand+FYM/compost/Fertilizer), filling of polybags/ trays, preparation of cutting, planting of cutting/seed, irrigation, weeding, shifting of bags, loading/unloading (if any) etc. upto 6 month	per poly bag/tray	4.8	41500	199200	
iii)	Preparation of field (harrow,cultivator, rotavator etc.) Layout of field,preparation of irrigation channel,application of fertilizer, FYM, compost etc. Preparation of cutting and planting of cutting of different tree species in the field/nursery area. One irrigation just after planting of cutting	Acre	10000	1	10000	
iv)	Manual weeding with khurpa in the nursery of different tree species grown in the field/nursery area	Acre	5000	1	5000	
v)	Uprooting of seedling/saplings for sale, loading/unloading etc. from the nursery/research farm area	Plant	1.5	3000	4500	
vi)	Preparation of mixture (Sand + FYM/compost/fertilizer etc.), filling of polybags, preparation of cutting planting of cutting/ sowing of seeds, any other relevant work and one irrigation at the time of planting/sowing etc.	Polybag	3	30000	90000	
vii)	Preparation of mixture (Sand + FYM/compost/fertilizer etc.), filling of root trainers, preparation of cuttings, Planting of cuttings/sowing of seeds, any other relevant work and one irrigation at the time of planting/sowing etc.	Root trainer	3.5	1500	5250	
viii)	Preparation of mixture (FYM/compost/fertilizer/sand etc.) for filling of pot/big poly bags, transplanting of seedling in the pot/polybag, preparation of cutting and planting of cutting/ seed in pot/big size poly bag, one irrigation just after sowing of seed/planting of cutting/transplanting	Pot/ polybag	20	3500	70000	
ix)	Manual watering with pipe in sapling/poles/trees/ornamental plants etc. cutting of hedges / grasses in the complete area of Forestry Nursery, cleaning of whole nursery area (with harrow,rotavator etc.), including Net/ greenhouse/mist chamber, nursery beds etc. and lifting collection in whole nursery and lifting and shifting of pruned material upto 5 km of nursery area etc. Care and maintenance of seedling raised in pot/ all size polybags/root trainer/nursery beds,etc. including regular irrigation, weeding as and when required, application of fertilizer / FYM / compost/weedicide/insecticide etc. if any. Shifting of pot/all size polybag/root trainer etc. within nursery and loading and unloading of seedling at the time of sale if any at nursery area of department of Forestry	Day	585	1300	760500	

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	Collection of propagating material/ Sampling of soil/water/seed/plant etc. of different tree species from all over Haryana and other state of India.	Day	585	70	40950	
34	Manual work at botanical garden/Herbal garden/domestic farm					
i	Watering of plants and hedges with pipe, cutting/pruning/training, cleaning of garden, weeding, application of FYM / compost / agro-chemicals, litter collection, keeping and lifting of flower / plant pot, path cleaning etc. in the complete area of <i>Botanical garden/domestic farm</i> per month.	Acre	4100	171	701100	
ii	To prepare the soil/soiless mixture for filling up of pro trays/polybags/pots, growing of plants through cutting/seeds in treys, pots and polybags for plant production. Weeding in pots/field and shifting of pots in garden as per requirement per month.	Acre	5800	171	991800	
iii	Manual work at Herbal Garden : Hoeing, weeding, irrigation, digging of planting material, path cleaning, pruning of trees, training, trailing collection of planting material/seed/cuttings/layering & multiplications etc.	Acre	24000	21.375	513000	
35	Manual work at Precision farming/Vegetable grafting-unit for research farm area					
i	Various manual operations at vegetable grafting unit like seed sowing of root stocks and scion in pro trays, grafting, hardening, climate control management, poly and net houses soil and bed preparation, transplanting, mulching, drip laying, irrigation, fertigation, trellising/staking with clips/bamboo, netting, weeding, sparying, training, pruning, harvesting, help in data recording, removal of offshoots/crop debris, soil solarization, low/walking tunnels formation and other related works/precision farming operations in solanaceous and cucurbitaceous grafted crops throughout year.	Square Meter	300	2800	840000	
ii	Various manual operations under precision farming unit like media preparation, nursery raising, vertical farming in mounted structure/ growbags/ soil bed, fertigation, irrigation delining of driplines, removal of mulch, PVC pipes, Bamboo, soil solarisation, washing & cleaning polyhouse roof, scheduling, trellising, pruning, harvesting, help in data recoding etc in different horticultural crops throuout year.	Square Meter	300	1000	300000	
36	Misc works for research farm area					
i	Manual planting of roots/stacking in mulethi	Acre	11400	1	11400	
ii	Survey and farmers' fields trials work i.e. help in crop sowing, application of agrochemicals, data recording of biotic and abiotic stresses, sampling of soil/water/seed/plant, sample harvesting and threshing.	Day	585	440	257400	
iii	Bird scaring in research area / isolation per day	Acre / Isolation	580	3297	1912260	
iv	Help in table selection and numbering of genotypes of different generation on the basis of seed colour and seed size after threshing	Sample	3	54000	162000	
v	Tying of genotypes in field for display to monitoring/other teams	Acre	1140	48	54720	
vi	Manual work of chopping of ear heads and transportation	Acre	2890	15	43350	

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vii	Manual work of grading, cleaning, sun drying, packing, unpacking, loading/unloading etc. of Nucleus/Breeder/TFL seed.	Qtl	243	343	83349	
viii	Manual work of cleaning/drying/arranging/fumigation of seed store etc. upto 200 square feet	Store	585	79	46215	
ix	Manual work of cleaning, washing and repairing of different size cloth seed bags for seed storage	Cloth bag	2	50000	100000	
x	Manual work of cleaning, packing, loading, transport for general seed mixture.	Qtl	78	2560	199680	
xi	Artificial inoculation for diseases/insects	Sample / Plant	29	10280	298120	
xii	Cleanness and maintenance in and around farm area, farm lab., threshing floor etc.	square / meter	2	319750	639500	
xiii	Manual work of shifting backward of cloth bags on self-plants	Bags	2.75	12000	33000	
xiv	Manual work of uprooting of iron pipes, bamboos and keeping in store	Piece	5.5	3000	16500	
xv	Bag Down of selfdearhead of Bajra for selection	Acre	2300	12	27600	
xvi	Plucking and examination of Green & open cotton bolls/fruits/pods for recording of insects pest data	Sample	50	2500	125000	
xvii	Manual work at Dept of ATS - Maintaining of lawns including moving of grass, cleaning of lawns, brooming, weeding and collecting lawn waste. Trimming of hedge & collecting of trimming hedge waste. Maintaining of landscape including pruning of shrubs & topiary, preparation of beds and planting of seasonal flower plants, watering of grass, flower beds, weeding, collection and disposal of lawn waste from the lawns of the Department. Planting/collection of natural dye and antibacterial source plants as per need of the research experiments. (0.5 Acre)	Acre	4100	47.5	194750	
Total					67282323	
Rounded off					6,72,83,000	6,72,830

(C) Detail of Palledari work:

Sr. No.	Name of field operation/ works for farm area	Accounting Unit	Approx rate per Unit (Rs.)	Total Area/Unit	Approx Expenditure (Rs.)	EMD Amount (Rs.)
1.01	Unload the loose grain from the truck or trolley in quintal	Quintal	0.24	4300	1032	
2.01	Filling up of the bag from 21 to 50 kg.	Bag	4.5	119300	536850	
2.02	Lifting up and lifting down on weighing machine 21 to 50 kg.	Bag	5	129300	646500	
2.03	Sewing of bags 21 to 50 kg.	Bag	1.7	129300	219810	
2.04	Cutting & opening the bags 21 to 50 kg.	Bag	1.1	121600	133760	
2.05	Loading in vehicle 21 to 50 kg.	Bag	3.6	146300	526680	
2.06	Unloading or Stacking 21 to 50 kg.	Bag	4.5	188300	847350	
2.07	Stacking at double distance 21 to 50 kg.	Bag	0.4	3000	1200	
3.01	Filling up of the bags from 1 to 20 kg.	Bag	2	48000	96000	
3.02	Lifting up and lifting down on weighing machine of the bags from 1 to 20 kg.	Bag	4.15	58000	240700	
3.03	Sewing of bag from 1 to 20 kg.	Bag	1.6	58000	92800	
3.04	Loading in vehicle from 1 to 20 kg.	Bag	1.6	48000	76800	
3.05	Unloading from stack and opening from 1 to 20 kg.	Bag	0.2	12300	2460	
3.06	Unloading from 1 to 20 kg.	Bag	2.18	48000	104640	

4.01	Stacking at double distance from 1 to 20 kg.	Bag	0.15	3800	570	
4.01	Filling up of the Pallies (पल्ली) of Cotton from 20 Kg to 40 Kg	Unit	1.6	3200	5120	
4.02	Lifting up and lifting down on weighing machine from 20 Kg to 40 Kg	Unit	4.4	16900	74360	
4.03	Loading in vehicle from 20 k.g to 40 Kg	Unit	3.9	21400	83460	
4.04	Unloading from stack and opening from 20 k.g to 40 Kg	Unit	4.7	13900	65330	
5.01	Stamping on bags	Bag	1.9	150000	285000	
5.02	Sealing on bags	Bag	1.3	130000	169000	
6.01	Loading the bales	Unit	2.3	1900	4370	
6.02	Unloading the bales	Unit	2.3	1900	4370	
7.01	Taking out the crates from godown/ warehouse	Crate	1.4	2000	2800	
7.02	Arranging the crates in godown/ warehouse	Crate	1.4	2000	2800	
8.01	Stitching of burst bags	Bag	0.5	3300	1650	
8.02	Making bundles of Bags (1 bundle of 25 Bags)	Bundle	3.75	2100	7875	
8.03	Lifting up and lifting down of Bundles	Bundle	2.6	3700	9620	
9.01	Cleaning of the bags (one each)	Bag	1.3	97000	126100	
9.02	Darn of bags (one each)	Bag	2.25	7300	16425.00	
10	Tagging, Labeling & Stamping	Bag	1.35	124000	167400	
11	Fumigation (per cover 32'x21'x16')	Unit	85	210	17850	
12	Cleaning of Seed plant (Cleaning the Machine and floor after finishing of Seed variety)	Job	1050	135	141750	
13	Cleaning of crop with seed cleaner and grader (pankha) in qtls	Quintal	28	7500	210000	
14	Sundrying of seeds at seed floor including loading, unloading, spreading manually, covering from tirpal	Quintal	10	2900	29000	
15	Maintenance and cleaning of processing plant, washing of floor, cleaning of seed processing hall, Cleaning of seed and grain stores, cleaning of plate forms and plinths in front of seeds stores, Cleaning of ramps used for raw seed, Cleaning of workshop, Cleaning of platform in front of modern seed store, cleaning of building surrounding plant.	Square Mtr.	3.75	607000	2276250	
Total					7227682	
Rounded off					72,28,000	2,50,000

Dates for start of bid preparation, closing of bid submission and bid opening dates are as under: -

Tender Type	Bid submission start Date	Bid submission end date	Bid opening date
Tenders of Farm Area	26.08.2026	01.09.2026	02.09.2026
Tenders of Research Farm Area			
Tenders of Palledari work			

Endst. No. DF/A-1/2026/ 1471-1550 + Encl.

Dated: 25/8/2026

A copy of the above is forwarded to the following for information and necessary action: They are requested to inform the contractors engaged by them for wide Publicity.

1. Director Farms, HLRDC, Hisar
2. Chief Superintendent, GLF, Hisar
3. Director, CSF, Sirsa Road, Hisar
4. All Dean, Director, HOD, HOS, CCS HAU, Hisar
5. T.A & Cashier (internal)
6. Computer Section, CCS HAU, Hisar is requested to kindly upload the tender notice on university website <http://hau.ac.in>.
7. Notice Board DF/All contractors.

Director Farm
25/8/2026