

SCHEDULE OF WORK

Name of work- Renovation of shed net covering with polycarbonate sheet for CI Divisions in IGFRI Jhansi (U.P.) (SH:- SITC of Spectrum light, Cooling pad and exhaust fan and fogging system etc. as required at IGFRI Jhansi)

Sr. No.	Description of Item	Qty	Unit	Rate	Multiply ing factor GST(1.0 00)	Rate after(Multi plying factor 18 % GST)	Amount	Remark
1	Providing, installing, testing and commissioning of PAR LED light with flexible intensity control for supplementing natural daylight illumination, limited to 400–750 $\mu\text{moles/m}^2/\text{s}$ only that plants uses for photosynthesis, complete with all accessories, subject to approval and as directed by Engineer-in-Charge.	6	Each	17154.00	1.0000	17154.00	102924.00	MR
2	Providing, installing, testing and commissioning of misting / fogging system to increase relative humidity up to 80% $\pm 5\%$ including hanging type fogging nozzles at spacing 2.0 m $\times$ 2.0 m with fine discharge 28–30 LPH at 4 bar pressure, complete with 1.0 HP pump, disc filter, necessary piping, fittings, supports and all accessories, complete as per manufacturer's specifications and directions of Engineer-in-Charge.	1	Set	73682.00	1.0000	73682.00	73682.00	MR
3	Providing, installing, testing and commissioning of complete ECS forced cooling system using cellulose cooling pads of size 6.0 m $\times$ 1.2 m $\times$ 0.10 m (L $\times$ H $\times$ Thk) along with 2 Nos. axial flow fans of size 36" (900 mm) box type, single speed, including water circulation system with 1.0 HP pump, motor, PVC piping, fittings, filter and all accessories, complete as per manufacturer's specifications and directions of Engineer-in-Charge.	1	Set	179599.00	1.0000	179599.00	179599.00	MR
	Total						356205.00	

Assistant Engineer (E)
CPWD, Tekanpur