

Turmeric (Single layer)



Soil, Open field farming



Soilless, Protected farming

Project Estimate

Turmeric : Single layer, Soilless, Smart agriculture, Protected farming



INVESTMENT INFORMATION

Items	Qty	Rate	Amount
A. Walk-in Tunnel			
Walk-In Tunnel, Dome type, 5m Height, 4m Gutter	4,032 Sqm	700.00	2,822,400.00
Air circulation fans	24 Ea.	7,000.00	168,000.00
Walk-in tunnel subtotal			2,990,400.00
FYI: Above prices are inclusive of IGST, Transportation charges, all civil works, (with materials).			

B. Infra			
Seed / Seedling			
Rajendra Sonia , Rajendra Sonali, Pitambar	L/S	L/S	300,000.00
150-micron LDPE growbags 30x30x45cm	27,000	30	840,000.00
Substrate: Cocopeat (750 Cum / 225 Tonnes)	10,000 Blocks	120	1,200,000.00
Fertilizers and bio controls	L/S	L/S	600,000.00
Traps and other IPM	L/S	L/S	50,000.00
Plantation, Pro-trays, Testing equipment, Wheelbarrow, Spray pumps and Misc.	L/S	L/S	600,000.00
Irrigation system Tanks, Automated filter system, Pumps, Drip system, Foggers and installation	L/S	L/S	1,200,000.00
Smart agriculture	L/S	L/S	700,000.00
Weed mat (150 GSM, 2.1m x 100m Roll)	5,040 Sqm.	40.00	201,600.00
Surveillance and Communication system	L/S	L/S	150,000.00
Infra subtotal			5,841,600.00
Total investment with consultancy			9,891,840.00

Common infrastructure and utilities (Client scope)			
Power backup system	1	L/S	1,000,000.00
Slicers and Pulverizer (Optional)	1	L/S	1,000,000.00
Certifications and Misc. (NPOP / GAP)		L/S	5,000,000.00
Storage, Pump and control , Labour rooms		L/S	1,000,000.00



ECONOMICS OF THE PROJECT

Investment	9,891,840.00		
Plant density	24,366 growbags /Plants		
Yield / growbag	2-4 Kgs		
Yield			
Fresh yield	48,732 Kgs		
Dry yield (18% recovery from the fresh)	8,771 Kgs		
Yearly yield from 2 crop cycles	8,771 x 2 = 17,000 Kgs		
Gross income (Grounded powder)	17,000 Kgs	400.00	6,800,000.00
Recurring charges			1,800,000.00
Fertilizers and Bio controls	L/S	L/S	500,000.00
Packaging Material and Processing	L/S	L/S	600,000.00
Labour	L/S	L/S	600,000.00
Utility bill	L/S	L/S	50,000.00
Transportation and misc.	L/S	L/S	50,000.00
Turmeric Net Income / year	5,000,000.00		

* Prices of the turmeric at farmgate is somehow ranges between **300.00-600.00** Rs/Kg, the variation is subjected to curcumin content, farming practices (Organic/inorganic) and packaging.

* Yield may vary as per the climatic conditions, practices and cares adopted, varietal selection etc....

TURMERIC, CROP CYCLE PLAN (SCHEDULE / ACTIVITIES)

Year	Annual scheduling / activities												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
One													
Two													
Three													
Four													
Five													
Six													
Seven													
Eight													
Nine													
Ten													

	Transplanting of seedlings		Crop growing phase
	Replacement of substrate		Harvesting
	Nursery seedling		Sterilizing substrate

**Cycles/Yield is subjected to various factors. It may vary from region to region, climatic conditions, varietal selections, and practices.



POINTS TO REMEMBER

These prices are without any government subsidy.
Uninterrupted power and water supply is mandatory for the project.
While making estimate we have considered everything, but their estimated prices / expenses are not included while final calculations eg., Quarters for labours, Packing/storage room, Fencing, Generator / Solar system, UPS, etc., (Excluding Land). If any of the facilities / things aforementioned preexist, the same can be utilized for the project, if not essential things can be mandatorily required to setup/procure if they are found inevitable. Client should be notified in advance for the same and required arrangements should be done by the client within the scheduled / requested time duration.
Materials procurement and all the works are strictly done by our authorized associates, agencies or sub-contractors only.
We share complete Bill-of Quantity (BoQ), Drawings, other operation procedures and schedules for easy and effective operation with clients.
Above mentioned Prices are subjected to escalation. Freight charges and IGST are inclusive (Will be notified prior to the procurement if necessary for any discrepancies).
FYI: Gronatura reserves all the rights to use/implement new material / technology any time without prior information / approval of the clients.

TERMS AND CONDITIONS

(Turnkey project / LCCC (Landlord Cropping, Company Consultancy))

Items	Descriptions
Payment	75% in advance along with Purchase order / Project confirmation. 25% before commencement of the internal structure works.
Delivery schedule	15 days from the receipt of the first payment.
Completion schedule	75-90 days from the date of the delivery schedule.
Taxes and freight	All-inclusive in the estimate
Arbitration	Palakkad jurisdiction only
Bank Account details	GRONATURA CONSULTANCY Current A/C #: 250905000524 IFSC: ICIC0002509 BANK: ICICI BANK BRANCH: VICTORIA COLLEGE, PALAKKAD, KERALA, 678001.

Owner must arrange temporary accommodation to all workers at site / Project land. If the accommodation is far from the workplace, adequate transportation facilities should be provided to the workers.

Owner must provide potable water, uninterrupted power supply during the project execution.

Owner or their concerned and authorized people must bring to the knowledge of the consultancy about any discrepancies of materials, work etc... with in 48 hours of the receipt/execution of the same.

Owner must provide and ensure safety and security of all the material at work site.

Owner must construct Control room and storage rooms for irrigation/fertigation system and fertilizers, other inputs, and accessories storage.

Any damaged caused due to unscientific storage or ignorance by the owner / related people can't be entertained. The loss caused by the aforementioned must be borne by the owner, if it doesn't fit the rule books of the manufacturers / suppliers.

Owner mustn't share plans, technical details, and other vital and sensitive information to the unauthorized people / organization without approval and knowledge of the consultancy.



Contact us....

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