

MEMO

DATE & FROM:	TO & REMARKS.
17-10-2023 Md. Anwar	Soham sir, Reg: WO order of post tensioning works at Diamond point Resident. we have negotiated the price i.e., Rs: 2,46,620/- with 25% Advance. Kindly advice & approve for making the work order. Regards, <i>[Signature]</i> 

MEMO

DATE & FROM:	TO & REMARKS.
17/10/23	To Seham Sir
Srijith	Quotation - Plot 24 - Diamond point.
	Dattatraya Rao Sir said that price is nominal and good to go.
	Need your approval.

Regional Office: H.No. 6-3-674/4/1/A, Durga Nagar Road, Near Hyderabad Central Mall, Beside of Joyallukas Jewellery, Panjagutta, Hyderabad- 500 082. PH: 9848998676 / 9440746390
GST No: 36AAACU6685L1ZP

UCON PT/Q/23/1649/PT/R0: Project: Proposed Diamond Point Residence building at Hyderabad.
Tel: +91-44 2446 8001/2/3; Mobile: +91 9840775599 Email: info@ucopt.com / info@ucopt.com / Web: www.ucopt.com / www.ucopt.com

4. Payment Terms:

Our terms of payment will be as follows:

- a) Upon award of contract along with LOI : one slab Amount
(Deductible at final bill)
- b) Upon completion of concreting : 100 % of invoice amount.
- c) All Payment shall be made in 10 days from the date of our Invoice

Note:

In the event where there is a default of payment for more than 30 days from the date of invoice, Utracon reserves the right to stop work and terminate this contract, and seek for damages from the contractor.

For any queries, please do not hesitate to contact us

Commercial / Technical Support at Hyderabad.	Mr.Ramesh Babu – 9848998676
Head Office – Chennai Commercial / Technical Support.	Ms .Julie – 9600079425
Design and Drawings at Head Office Chennai.	Mr.Seelam Prasad - 09884315424
Commercial Finalization.	Mr. AAR Mahendiran Executive Director. Mobile: 9840775599

We thank you for the opportunity given to us to work together and to have good business relations with your organization.

Yours faithfully

For and Behalf of

UCON PT STRUCTURAL SYSTEM PVT LTD

M. KAMALAKANNAN (KK)
Managing Director


AAR MAHENDIRAN
Executive Director

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BASIS OF DESIGN

Project : **Proposed Diamond Point Residence building at Hyderabad.**

Quote Ref. : **UCON PT/Q/23/1649/PT/R0**

Design Feasibility report

A) Design Codes

The design is in accordance with IS: 1343-1980, IS 456, BS8110: The Structural Use of Concrete, 1997 and TR43.

B) Pre - Stressing System & Materials

- UPS Post-tensioning Bonded System.
- Friction parameter: $\mu = 0.2/\text{rad}$; Wobble factor: $K = 0.0017/\text{m}$
- Wedge draw-in = 6.0 mm
- a) Strand - 0.5"/0.6" diameter 7-wire low relaxation non-coated bare strand to IS: 1343-1980, IS 456, BS8110: The Structural Use of Concrete, 1997 and TR43 or relevant international codes.
- b) Anchorages - USS post-tensioning system, incorporating bonded, head & dead end anchorages.
- c) Sheathing - Galvanized steel strip ducting.
- d) Grout - Cementitious grout with additive. 28-day strength at 32 N/mm² with maximum water cement ratio of 0.45.

C. Design Criteria

- a) Concrete = 35 N/mm² ; Steel Fe 500
- b) Serviceability Classification = Post-tensioning Class 3
- c) Fire rating = 2.0 hours
- d) Column: Stiffness : $M/bh^2 \leq 4.0 \text{ N/mm}^2$

Dimension : As per conforming to attached drawings

- e) Loading Conditions :

All lateral loads are resisted by shear and core walls.

- f) PT option:

PT Beams



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SCOPE OF WORKS

ITEMS	DESCRIPTION OF WORK	SCOPE BY
1	Supply of High Tensile Steel (12.9 mm Dia. Strand)	UCON PT
2	Supply of Post Tensioning Anchorages, GI Ducts, Wedges with Consumables	UCON PT
3	Installation of Strands, Ducts, Anchor blocks and Wedges	UCON PT
4	Stressing of Tendons with UCON's equipments	UCON PT
5	Grouting of the Tendons with UCON's Grouting Pump	UCON PT
6	Providing required Qualified Engineers, Technicians & Labours for PT Works	UCON PT
7	Supply of Cement for grouting at slab level (OPC 53 grade)	Main contractor/Owner
8	Supply, fabrication and fixing of Bursting Links	Main contractor/Owner
9	Supply & fabrication of Chairs for Tendon supports	Main contractor/Owner
10	Fixing of Tendon supports	UCON PT
11	Supply of Admixtures for Grouting	UCON PT
12	Filling of Recess pockets left out for stressing	Main contractor/Owner
13	Covered space for storing the PT materials and Equipments	Main contractor/Owner
14	Providing working platform for stressing (Min.750 mm from the face)	Main contractor/Owner
15	Power supply as per Ucon's requirement in all working areas at site, equipments and stores (15 HP)	Main contractor/Owner
16	Providing Potable Water for Grouting	Main contractor/Owner
17	Submission of shop drawings to consultant	UCON PT
18	Insurance for Ucon's workmen and Materials	UCON PT
19	Lifting & Shifting arrangements for materials & equipments	Main contractor/Owner
20	Red paint marking for PT Tendons	UCON PT



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ANNEXE - I

Date	13.10.2023		Option: PT Beams	SSCMS-CFP-003, 17 OCT 2023 SOHAM MOHAPATRA MANAGING DIRECTOR	
Quote ref	UCON PT/Q/23/1649/PT/R0		Project Name	Proposed Diamond Point Residence building at Hyderabad.	
Storey	Loading		PT Qty	PT rate	Total Amount
Location	LL	SDL	Approx (Qty in No's)	(Per No)	(Rs)
Floors	(KN/Sqm)	(KN/Sqm)			
1st Floor No Of PT Beams:3 No's	5	2	3 No's	19,500	58,500
2nd Floor No Of PT Beams:3 No's	5	2	3 No's	19,500	58,500
3rd Floor No Of PT Beams:3 No's	5	2	3 No's	19,500	58,500
4th Floor No Of PT Beams:2 No's	5	2	2 No's	19,500	39,000
Total No Of PT Beams:11 No's			11 No's		2,14,500
GST 18%					38,610
Grand Total					2,53,110

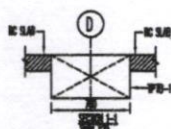
HT strand landed cost is considered at Rs.80,000/MT(Including Transportation, loading and unloading at site, Excluding GST).If any increase/decrease in price ,the difference in cost has to be reimbursed to Client/UCON PT...based on actual delivery proof

Note:

1. The Price is Valid for the loading and its respective areas as mentioned in Annexure I.
2. If any additional PT beams in place of RCC beams, Higher Loading slabs like podium, Landscaping, Fire tender access path, Transfer Girders and cantilever slabs are to be designed and executed as per the final design requirement, PT price will be revised mutually.
3. The PT quantities are based on the Tender proposal drawings attached herewith and may vary as per final GFC drawings at execution stage. PT price will be revised mutually in case of any variation in loadings, layout plan & sizes.



GRADE OF CONCRETE - M35,
GRADE OF STEEL - Fe500
PT DESIGN CRITERIA - TYPE-3



NAME	ADDRESS	CITY	STATE
NAME	ADDRESS	STATE	STATE
NAME	NAME	1-800	STATE
NAME	NAME	NAME	STATE
NAME			NAME
UCONPT/231649/T/T-01			03

* PT BEAM ARE DESIGNED AS "T" BEAM

RC SLAB BENDING TO BE ADDRESSED BY STRUCTURAL CONSULTANT.