

No. LGD/C-4/2014-15/H/ 1E39-42
 Government of India
 Central Water Commission
 Lower Godavari Division

Krishna Godavari Bhavan
 H.NO.11-4-648, 3rd Floor,
 A. C. Guards,
 Hyderabad-500004.
 Date: 08-08-2014

NOTICE INVITING QUOTATION

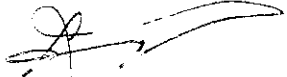
On behalf of the President of India, Sealed quotations are invited for the supply of the following materials to the O/o Executive Engineer, LGD, CWC, Hyderabad, so as to reach this office by 3.00 PM on 27-08-2014. The quotation will be opened on the same day at 3.30 P.M. in the presence of quotationers or their authorized representative whoever wish to be present.

S.No.	Description of item	Quantity
1.	CURRENT METER CUP TYPE sensor with tailfin, duly calibrated with rating chart in box with necessary tools as IS: 3910-1992. Specifications Model : 6 cup wheel Contact : every one revolution Range : 0.05 to 3.5 m/s Accuracy : For velocities up to 0.3 m/s 1 % Full Scale, for velocities > 0.3 m/s to 0.5 % Full Scale Rated spin Test : >75 seconds Contact Chamber : Magnetic	8 Nos.
2.	Pigmy Current meter-Cup Type sensor with tailfin, duly calibrated with rating chart in box with necessary tools as IS: 3910-1992 with suitable steel wading Rod and adjusting clamp. Specifications: Model : 6 cup wheel Contact : every one revolution Range : 0.015 to 0.055m/sec Accuracy : For velocities up to 0.05m/sec 1% Full Scale. Rated spin test : > 75 seconds Contact chamber : Magnetic	4 Nos.
3.	Auto Level with stand (Specifications Enclosed)	4 Nos.
4.	Steel Wading Rod 1.50mt. length in three pieces each 0.5m length and approx. 16mm to 19mm in diameter with graduations. Rod sections are assembled at the screw-in flush joints and including base plate, clamping Devices etc.	4 Nos.
5.	Wooden Sounding Rod 3.0 mt. in length and approx. 50mm to 60mm in diameter with base plate and graduated in centimeter decimeter and meter, in its entire length.	4 Nos.
6.	i) Steel Flat (suspension Rod) Long ii) Steel Flat (suspension Rod) Short (Drawing Enclosed)	8 Nos. 8 Nos.
7.	Fish Weight 50Lbs/ or 25 Kg (Lead)	4 Nos.
8.	Fish Weight 15 Lbs or 10 Kg (Lead)	4 Nos.

9.	Stevenson Screen (Small) (Specifications Enclosed)	4 Nos.
10.	Wind Vane (Specifications Enclosed)	4 Nos.
11.	Max. Min. Thermo meter	4 Nos.
12.	Ordinary Rain gauge (SRG) with accessories i.e Measuring Jar, collecting Jar etc. (specifications enclosed)	4 nos.

Terms & Conditions

1. The quotations duly signed should be properly sealed and dropped in quotation Box in the office of the Executive Engineer, Lower Godavari Division, 11-4-648, KG Bhavan, AC Guards, Hyderabad-500 004. The sealed envelope should be super scribed "**Quotation for supply of Hydrological & Metrological Equipment due on 27-08-2014.**"
2. In the event of the date of opening of quotation being a holiday, quotations will be opened on the next working day with timings unchanged.
3. Quotationers must have PAN/TIN/Service Tax number/VAT.
4. The pamphlets / brochures may be submitted along with the quotation.
5. Quotations for part of material will be rejected.
6. The undersigned does not bind himself to accept the lowest quotation and reserve the right to accept or reject any or all the quotations without assigning any reason thereof.
7. The material must be of standard quality and as per specifications and free from all defects. The material if found defective subsequently or not conforming to the specifications as stated above, have to be replaced by the firm without any additional charges.
8. The material shall have a warranty of minimum one year from the date of supply.
9. Material should be delivered at office of the Executive Engineer, Lower Godavari Division, 11- 4 -648, KG Bhavan, AC Guards, Hyderabad-500 004 only.
10. Material should be supplied within **30 days** from the date of issue of supply order.
11. The rates should be F.O.R. destination at Office of Executive Engineer, Lower Godavari Division, 11-4-648, KG Bhavan, AC Guards, Hyderabad-500 004 and inclusive of all taxes/charges including VAT/Service tax/Transport charges/Insurance etc. No other incidental charges, whatsoever, will be entertained.
12. The validity of quotation for acceptance shall be 90 days and rates quoted should remain valid for 180 days from the date of opening.
13. The rate should be quoted both in words and in figures. All the eraser mistakes, overwriting should be duly attested or else the quotation will be disqualified altogether.
14. The payment will be made by account payee cheque for local supplier or by Demand Draft for outstation supplier on production of pre-receipted bill in triplicate only after satisfactory supply of the materials in good condition and as per specification.
15. TDS shall be deducted from the bill at the time of payment as per latest Govt. orders.
16. Performance Security @ the rate of 5% of the total amount will have to be deposited within 15 days from the date of issue of the supply order by the successful bidder and the same will be release after 30 days beyond the completion of warranty period. However this condition may not be applicable for KB/NCCF or similar Co-op/Govt. stores.


 Executive Engineer
 LGD, CWC, Hyderabad

Copy to:

1. The Superintending Engineer, Godavari Circle, CWC, Hyderabad for information and for keeping on CPPP please.
2. The Deputy Director, O/o CE, KGBO for information and for Keeping on KGBO web site.
3. The Accounts Branch, LGD, CWC, Hyderabad with the request to present at the time of opening of quotation.
4. Notice Board.

AUTO LEVEL

Approval Date: 6th October, 1999

Reviewed on : 23 October 2007 Version: 2

Equipment Specification: AUTO LEVEL Version 2 10.028-1/4

Purpose

The auto level will be used for general topographic levelling applications, in particular to connect staff gauges to established benchmarks or GTS levels.

Conditions & Requirements

- The instrument shall be of reliable and simple design, adequate for the application.
- The tripod shall generally comply with IS 8330-1997
- The levelling instrument shall generally comply with IS 4590-1980.
- An operator's manual shall be part of the delivery

Specifications

image erect

magnification $\geq 25 \times$

aperture of objective $\geq 30 \text{ mm}$

field of view $1^{\circ}20'$ to $1^{\circ}30'$

shortest focussing distance maximum 1.5 m

max distance for mm 100 m

resolving power 1.5 mm @ 60 m

stadia multiplying constant 100

stadia additive constant 0

centring plumb bob with one

adopter

sensitivity of level plate 20 sec / 2 mm run

tribarch circular bubble 8 min / 2 mm run

Compensation range 12 to 16 seconds

compensation accuracy 0.3 second

accuracy for levelling the

line of sight ± 0.8 second

levelling accuracy in

1 km of double levelling $\pm 2 \text{ mm}$ in 1 km

tripod with clamping 1600 mm

screw – one unit well seasoned wood or light & strong

alloy telescopic with mounting for

battery, illumination unit & clamping

arrangement for the instrument

centring provision 30 – 50 mm

carrying case – one unit light metallic or plastic (unbreakable type)

or well seasoned wood with padded

inserts and receptacles for holding

accessories with lock, handle, carrying

shoulder strap etc.,

instrument life time >5 years of continuous operation

temperature range 0 to 50 °C

housing splash waterproof

Equipment Specification: AUTO LEVEL Version 2 10.028-2/4

Accessories

cleaning brush one unit

tool-set spanner, tommy pins, screw driver, etc. – one set

lens cover set one set

oil bottle one unit

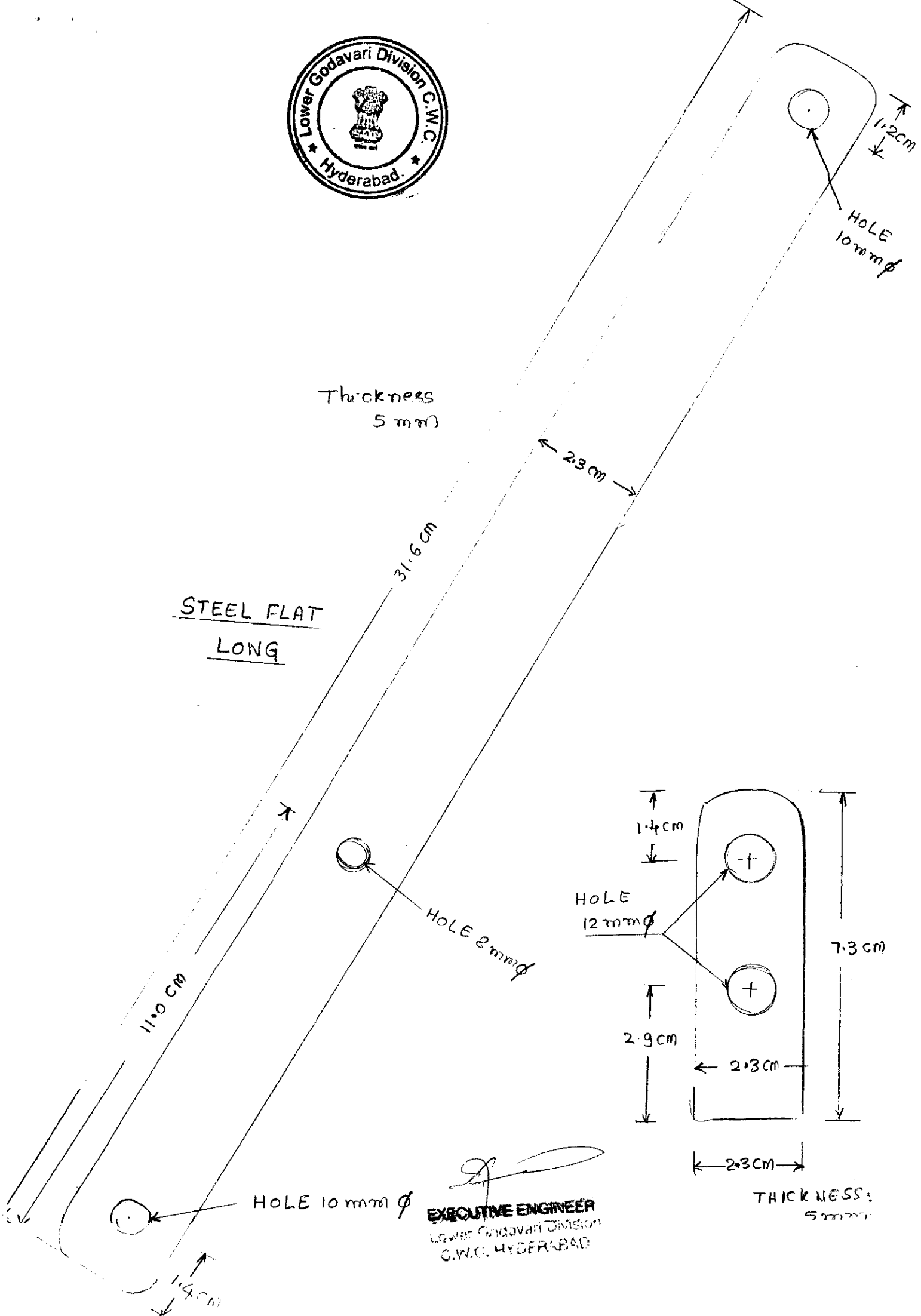
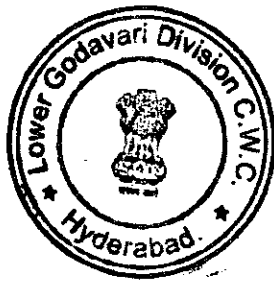
chamois leather one

plumb bob with adopter

plug one

waterproof cover made of durable plastic material - one

silica gel - re-usable one packet 200 g



STEEL FLAT
LONG

Thickness
5 mm

11.0 cm

31.6 cm

2.3 cm

1.2 cm

HOLE
10 mm ϕ



HOLE 2 mm ϕ

1.4 cm

HOLE
12 mm ϕ

7.3 cm

2.9 cm

2.3 cm

2.3 cm

HOLE 10 mm ϕ

1.4 cm

[Signature]
EXECUTIVE ENGINEER
Lower Godavari Division
C.W.C. HYDERABAD

THICKNESS:
5 mm

Approval Date: Pending**Version: 2****Purpose**

To protect from direct sun-shine and to provide a universal enclosure to allow for inter station data comparison.

Conditions and requirements

- Double layered roof with ventilation provision.
- The screen shall comply with IS 5948 – 1970.
- All dimension requirements shall be met within 5% of specified dimension.
- The screen colour shall be white (to reduce the heating effect of solar radiation)

Specifications**1. Standard width**

length between inner slats of louvers	560 mm
width between inner slats of louvers	315 mm
height between middle of lower roof and floor	412 mm

Civil works

Civil works will be finalised in collaboration with the supplier.

Approval Date: 20 May 1998

Version: 1

Purpose

The wind vane will be used as a visual aid to indicate wind direction.

Conditions & Requirements

- The instrument shall be of such a design that it operates reliably and accurately under the prevailing environmental and weather conditions.
- The instrument shall be easy to operate and maintain.
- The instrument shall be supplied with the accessories as needed for effective deployment.
- All materials on the instrument exterior shall be non-corrosive.
- The instrument shall have an expected technical lifetime of not less than 10 years.
- The instrument shall be capable to operate for at least 6 months without any servicing.
- An operator's manual, related to the type and model of the instrument, shall be part of the delivery.
- When the complete instrument on final assembly is held firm at bottom and the balance weight imparted an impact by a hammer with a mass of 0.72 kg and having a handle length of 240 mm, it shall make not less than five and not more than ten complete revolutions.
- The general arrangement and main dimensions of wind vane shall comply with IS 5799-1970.
- Civil works will be finalised in collaboration with the supplier

Specifications

pointer	counter balanced
direction arms	8, with direction letters for N, E, S, W
mounting materials	aluminium
(ring for direction arm, arm support & horizontal arm)	
fin & bearing housing cap	aluminium alloy
spindle	brass
direction letters	galvanised steel painted red

30.004 RAIN GAUGE - NON RECORDING

Approval Date: 20 May 1998 Version: 1

Equipment Specification: RAIN GAUGE - NON RECORDING Version 1 30.004-1/1

Purpose

The rain gauge will be used to collect precipitation in a recipient for quantitative measurement.

Conditions & Requirements

- The rain gauge shall be of such a design that it operates reliably and accurately under the prevailing environmental and weather conditions.
- The rain gauge shall be easy to operate and maintain.
- The rain gauge shall be supplied with the accessories as needed for effective deployment.
- All materials on the rain gauge shall be non-corrosive.

- **The locking ring shall be of rigid plastic**
- The rain gauge shall have smooth and permanent surface finish to minimise evaporation losses.
- The minimum expected lifetime in open field shall be 15 years.
- All openings of the rain gauge shall be covered with stainless steel net to protect against any insects entering inside.
- The rain gauge shall comply with IS 5225-1992

Specifications

1. 200 cm Model

collecting area 200 cm²

ID of rim 159.6 mm

collecting bottle 2 litres

nominal capacity 100 mm

rain measure for 10 mm rainfall, graduation etc. according to IS 5225-1992

2. Materials

base and collector preferably FRP

rim of collector aluminium or gun metal

Accessories

- collecting bottles of 4 litres for 200 cm² collector

Civil Works

Civil works will be finalised by the engineer in charge in collaboration with the supplier.