

3402 Mercer St.  
Houston, TX 77027  
713-667-5457



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# Preliminary Material and Labor Proposal

**Project:** 7 Memorial Point Lane

**Name :** Kundagrami Residence

**Bid Date:** December 18, 2017

We hereby submit estimates for the following:

## Installation of Segmental Retaining Wall

- Excavation of wall area and movement of new rip-rap to bank of bayou to be re-used upon completion of wall
- Installation of Manta-Ray earth anchors in wall areas above 15' tall. Placement of anchors on 8' centers – 2 layers
- Construct segmental Gabion Wall with reinforcement tie-backs – Gabions to be 12GA PVC coated
- Fill Gabions with clean recycled concrete rip-rap
- Installation of reinforcement mesh tie-backs
- Placement of suitable reinforced fill throughout reinforcement zone – supplied, placed and compacted
- At top of wall slope back to meet natural grade and placement of Geoweb filled with topsoil
- Construction of wall in accordance with NCMA Construction Guide Lines

## Assumptions:

- All pricing and quantities have been based on conceptual wall drawings by Narejo dated 11/24/17 and from site visit with owners on 12/14/17. Prices provided are preliminary and for budgeting purposes only. Additional information and final engineered drawings are needed in order to provide a final proposal.
- Staging area will need to be constructed on the driveway. All attempts will be made not to damage the driveway, however significant materials and supplies must be imported through this area and there is a potential damage. Pricing does not include replacing the driveway in the event that it is damaged. Pricing also does not include replacement of any sod or landscaping. Pricing includes placement of plywood across driveway to help minimize potential for damage
- Price does not include any movement, repair or relocation of existing irrigation lines in work area, staging area or pathway to work area



*Gulf Coast Pavers requires a 25% payment upon mobilization. Final payment is due upon completion of project. All work is to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from the bid documents resulting in extra costs will be executed upon written change orders and result in additional charges.*





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- Price does not include removal of any existing trees – if needed
- Price does not include supplying any permits. Including but not limited to – Harris County Flood Control or the US Army Corps of Engineers.
- Price does not include any surveying for wall locations and limits. Wall location to be staked and accepted by owner prior to construction
- Fall protection at completion of wall construction is not included
- Price includes a final cleanup of the site and removal of all construction debris

Item	Total
<b>Retaining Wall</b> – Varying heights from 18’ – 9’ tall, 12 GA Gabions with PVC coating, mesh reinforcement tie backs, Manta-Ray earth anchors and Geoweb slope protection	\$174,000.00
<b>Reinforced Backfill</b> – Bank sand – Estimated quantity of 1,400 CY @ \$24.00	\$33,600.00
<b>Total \$207,000.00</b>	

Accepted:

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Principal  
\_\_\_\_\_

Title



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